



CATALOGUE

OF THE

COLEOPTERA

OF

AMERICA, NORTH OF MEXICO

 \mathbf{BY}

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IN GRATEFUL RECOGNITION OF THE SERVICE TO COLEOPTERISTS OF THAT LIST OF THE COLEOPTERA WHICH FOR THIRTY-FIVE YEARS HAS BEEN THE INDISPENSABLE AND ACCURATE GUIDE FOR ALL STUDENTS OF THE NORTH AMERICAN SPECIES



PREFACE

The aim of this catalogue is to enumerate systematically all the species of Coleoptera described prior to January 1, 1919, which occur in America, north of Mexico, Greenland included; with consecutive numbers, synonyms, citation of original description, and an indication An effort has been made to arrange the species in of distribution. genera, tribes, families, superfamilies and series, in accordance with the most recent works on classification; an explanation of the difficulty of doing so in a satisfactory manner follows this preface. No attempt has been made to determine the validity of the numerous specific names proposed by recent authors. Numbered names indicate species described and unquestioned in print. A letter, a, b, etc., following the numeral indicates variety, subspecies, race, etc. Names proposed by one author and disputed by another, are usually unnumbered, but are sometimes treated as varieties. Synonyms are always unnumbered, but the reader must guard against regarding unnumbered names as being invariably synonyms, for they often represent forms which, to their authors, seemed worthy of a name.

The names of authors are usually abbreviated to the first three or four letters of their names; the few cases which are differently treated are explained below in the list of signs and abbreviations used. Authors' names are usually in parenthesis if the species was originally described in a different genus; the correct placing of the parenthesis involved reference to many books and is not entirely complete.

The citations are indicated by figures following the author's name; the first two are the final figures of the year in which the description was published; the remainder, separated by a hyphen, give the page on which the description occurs. In conjunction with the chronological list of each author's papers at the end of the book, the citation is thus given in the most condensed form possible.

The distribution is indicated by the usual geographical abbreviations (explained below) for the localities given in original descriptions and in various faunal lists. Intermediate localities have usually been omitted to save space, but particular care has been taken to include references to the extremities of the area covered, e. g., Newfoundland, Alaska,

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Southern California, Florida, as well as to Indiana, the State covered by Blatchley's descriptive catalogue.

Specific names derived from names of persons have been uniformly spelled with one i, unintentionally overlooking until too late that the rules of nomenclature require the original spelling. Generic names follow the original spelling. Tribal names end in ini, subfamily names in inæ, family names in idæ, superfamily names in oidea — names of subtribes and series follow original spelling.

The catalogue has been compiled from Samuel Henshaw's remarkably accurate Check List and Supplements, aided by the latest comprehensive treatment of the various groups, literature citations in Entomological News, Zoological Record, Coleopterorum Catalogus (Junk) and previous catalogues, and Genera Insectorum: the result has been checked by correspondence with specialists. Of such, Col. Thomas L. Casey, Messrs. Charles Dury, H. C. Fall, J. A. Hyslop, Charles Schaeffer, J. M. Swaine, A. B. Wolcott, and the late E. D. Harris, were especially helpful. The text for the water beetles was prepared by Mr. John D. Sherman, Jr., and that for the family Melandryidæ by Mr. L. B. Woodruff, while Prof. H. F. Wickham took entire charge of the Fossil Coleoptera. To all these coleopterists, and to Mr. William H. Wheeler, 2d, of the Cosmos Press, we are deeply indebted. Still more, however, we owe to Mr. Andrew J. Mutchler of the American Museum of Natural History, who has followed the entire work, aiding its completion in every possible way; and most of all do we owe to Messrs. E. A. Schwarz and Herbert S. Barber, of the United States National Mr. Schwarz with his life-long study of the Coleoptera, his retentive memory, and his devotion to science, a devotion so great that it makes no task unwelcome in its service, has taken such a capable interest in the work that in succession, the manuscript, the galley proof, and page proof, have passed through his erudite and kindly criticism. His corrections are often specially acknowledged in footnotes, but no acknowledgment can fully convey the feeling of admiration and affection his help has aroused. If the reader finds this book of any such service as Henshaw's Check List has been for the last thirty-five years, the aim of the publisher and author will have been attained, and largely through the help of Mr. Schwarz.

> Charles W. Leng, John D. Sherman, Jr.

SIGNS AND ABBREVIATIONS

| indicates name preoccupied.

‡ indicates name cited in error.

before locality indicates that it applies to line above.

on indicates male.

Q indicates female.

† indicates introduced species.

— preceding name indicates that it cannot at present be identified.

Ala. Alabama Guad. Is. Guadalupe Island Guat. Gulf St. Guatemala Gulf States Alas. Alaska Alb. or Alta Alberta Am. bor. America borealis (North Н. В. Т. **Hudson Bay Territory** America) H. Bay Hudson Bay Arctic Herbst Hbst. Arc. Ariz. Arizona Humb. Humboldt Arkansas Ark. Iowa Ia. Atlantic States Atl. St. Id. Idaho Ill. Illinois auct. author auct. nec various authors, not Ind. Indiana Ind. T. Blaisdell and Reynolds Indian Territory unpublished B. & R. British America ined. B. A. British Columbia B. C. i. litt. in a letter Bndl. Brendel Josephine Jos. Bnhr. Bernhauer Kansas Kan. Boreal Bor. Kansas Ks. Kentucky Braz. Brazil Ky. B. & S. Bernhauer and Schmidt Klam. Klamath C. St. C. I. C. Am. Central States Coney Island, N. Y. Central America Linné 1. L. I. Long Island, N. Y. L. Cal. Lower California Lake Superior Can. Canada L. Sup. or L. S. Cal. or Calif. California Louisiana La. Cala. Calaveras Lab. Labrador California Islands Cal. Is. Las. Lassen Cent. N. Y. Central New York Latitude Lat. Ckll. Cockerell M. St. Middle States Colo. Colorado Manitoba Man. Conn. or Ct. Connecticut Mari. Mariposa Cosm. Cosmopolitan Mass. Massachusetts Csy. Casey Md.Maryland Co. County Me. Maine District of Columbia Mexico Middle States D.C. Mex.Dakota Dak. Midd. St. Delaware Michigan Del. Mich. Edward D. Harris E. D. H. Minn. ${f Minnesota}$ used where an author has ex parte Mississippi Miss. confused two or more spe-Missouri cies under onc name Mon. or Mont. Montana E. of Miss. East of Mississippi River Mont. Co. Montcrey County E. Pa. E. St. Eastern Pennsylvania Mountains Mts. North America North Atlantic N. A. N. Atl. Eastern States Eldo. Eldorado Eng. England N. B. New Brunswick N.C. North Carolina Europe Northern California Northeast America Eur. & N. Am.? N. Cal. or No. Cal. Doubtfully occurs in both N. E. Am. N. E. U. S. continents Fla. Florida Northeastern United States New England Fr. France N. Eng. N. H. New Hampshire Fres. Fresno Fvl. Fauvel New Jerscy Ft. Fort New Mexico N. Mex. N. S. Ga. Georgia Nova Scotia

Northwest Wyoming N. W. Wyom. sensu strietu, in a restricted s. str. nomen mutatum, name sense n. m. ehanged (when pres. g. Sask. subgenus occupied) Saskatehewan Sehaeffer n. sp. Neb. Nebr. new species Sehffr. Schaupp. Nebraska Sehp. Shasta Nev. Nevada Shas. Newman Sib. Siberia . Newn. Newn.
Nfld.
No. N. Y.
No. Ill.
N. Y.
O. Newfoundland Northern N. Y. Northern Illinois Sier. So. Ariz. Sierra Southern Arizona So. Cal. Southern California So. Fla. Southern Florida New York Ohio So. St. Southern States O. Sz. Okla. Otto Sehwarz E. A. Sehwarz Sz. Oklahoma Tenn. Tennessee Ont. Ontario Tex. Texas Or. or Oreg. Oregon Tul. Tulare Pennsylvania Paeifie States Tuolumne United States Tuol. Pa. Ū.S. Pae. St. Plae. Plaeer Ut. Utah Virginia Plum. Plumas Va. Q. Char. Is. Queen Charlotte Island Vane. Vaneouver Que. R. I. Quebee Rhode Island Vt. Vermont W. Can. Western Canada Walther Horn Russ. Am. Russian America W. H. W. I. W. Kan. W. St. W. Va. S. Am. S. C. South America West Indies South Carolina South Dakota Western Kansas Western States West Virginia Washington S. D. San Francisco S. F. Staten Island, N. Y. South States S. I. Wash. S. St. Wis. Wisconsin S. W. Utah Southwest Utah Wy. Wyoming

LIST OF ERRATA

While this book was being printed the following errors and oversights were discovered, too late, however, for correction. As other errors doubtless remain undiscovered, and as it will be a convenience to coleopterists to have them all made known through a single publication, it is requested at the suggestion of Mr. Schwarz, that those who publish further corrections will do so in the Journal of the New York Entomological Society.

```
Insert on:
p. 49.
         (Leja \text{ Mcg.}) = \text{Bembidion}
          (Omala Motsch.) = Bembidion
         (Lymnæum Steph. ‡) for Lymneops laticeps (Lcc.)
   53.
         (Argutor Meg. ‡) for certain Pterostichini (Steropus Meg. ‡) for certain Pterostichini
p.
    60.
         (Acrodon Zimm.) = Celia
         (Corylophus Leach ‡) for certain Orthoperidæ
    91.
         (Coryphium Steph. ‡) for Ephelinus
   95.
         (Tesnus Rey) = Stenus
p. 98.
         For Tricopseniini read Trichopseniini
p. 110.
         (Boletobius ‡) = Bolitobius (original spelling is Bolitobius)
p. 111.
         (Ecitogaster ‡) for certain Myrmedoniini
p. 115.
         (Microsporid\alpha) = Sphariida
p. 133.
         (Lychnuris Motsch.) = Lucidota
p. 141.
         (Malachidae) = Melyridae
p. 145.
p. 165.
         For Adetus read Aderus
         The genus Adetus was erected by Leconte 52-161 for a longhorn, analis Hald. supposed
         then to occur in Pennsylvania but since dropped from our list as not North American.
         (Crepidotritus Lcc.) = Anchastus
p. 174.
         (Thaumatoglossa ‡) = Thaumaglossa, which is original spelling
p. 190.
p. 202.
         (Cryptophagistes Cr.) = Cryptophagus
p. 226.
         For TENEBRIONINAE read SCAURINAE
          For BLAPTINI
                                  read BLAPTINAE
         These changes should be made before using the book, as the subfamily name Tenc-
         brioninæ appears twice by error.
         (Mystaxis \ddagger) = Mystaxus, which is original spelling
p. 239.
         (Phlyetanodini?) tribe to which Casey doubtfully assigned Malthophia oculata
p. 268.
p. 282.
         Sternidius Lec. = Liopus
         Add Diaxenes Waterh. 84-128
p. 284.
              15097\frac{1}{2}. dendrobii Gahan 94–250 † D.C.
         This species has been found in orchid houses at Washington, D. C., see Schwarz, 04-21
         Orsodachna = Orsodacne, which is original spelling
p. 287.
         No. 16137 — localities given apply to cyanea
No. 16144 — the (N. Y.?) locality belongs to flaveola
the So. Cal. locality is doubtful
No. 16157 — bisignata (Boh.) should follow aurisplendens
p. 304.
p. 06.
         RHYNCHOPHORA begin with Brentidæ
         (Plinthus Germ), ‡ for Paraplinthus
p. 317.
         (Hilipus, ‡) for Heilipus, which is original spelling
p. 318.
         For pp. 59-06 in footnote read 59-60
p. 393.
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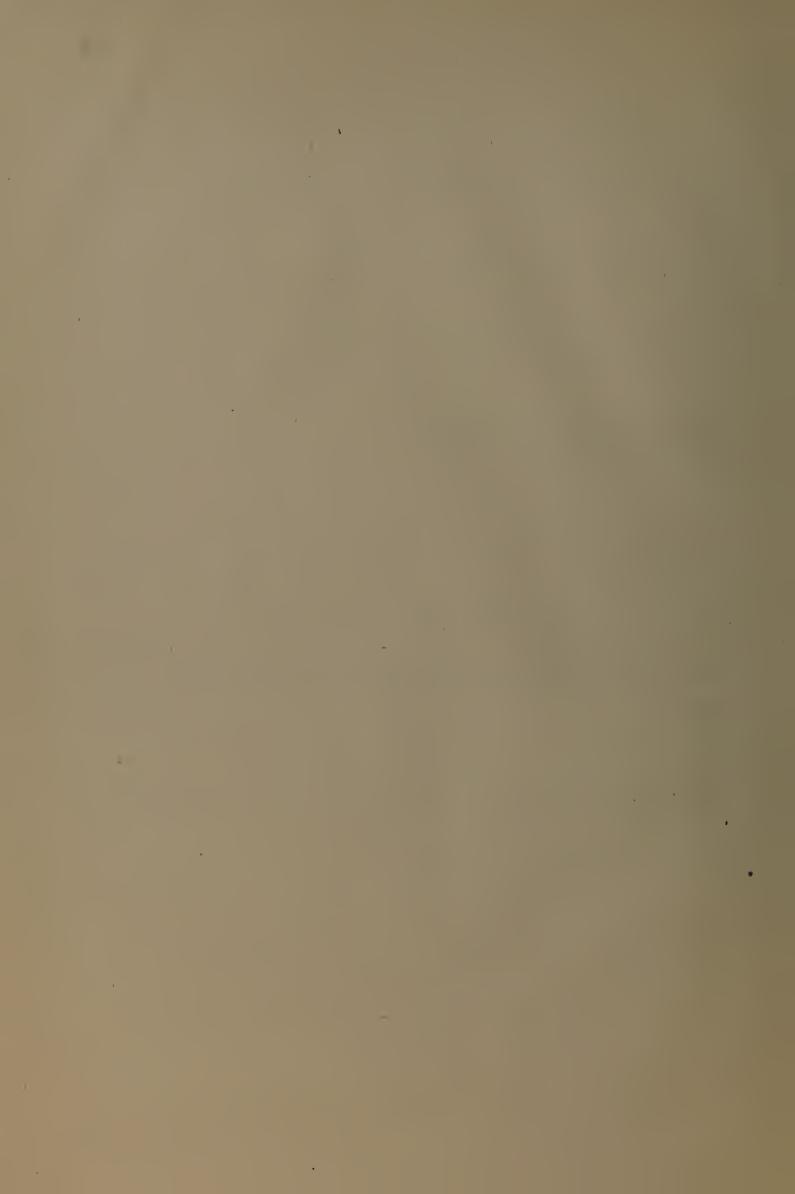
York Entomological Society.

Further corrections will be published, as discovered by us, in the Journal of the New

It is the hope and intention of the author and the publisher to consolidate all such corrections and publish them in separate form, together with a list of the species described since 1918 and their bibliography, at the end of a five year period.

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EXPLANATION OF SEQUENCE OF FAMILIES

American students of Coleoptera have been accustomed for 35 vears to the Leconte system of classification, first proposed by Dr. Leconte in 1861, and completed by him and Dr. Horn in 1883. This system was followed in the Henshaw Check List in 1885, in Smith's "List of the Insects of New Jersey," in Blatchley's "Beetles of Indiana" and in many other books and papers; no doubt a great many collections, public and private, are also arranged in accordance with its sequence of families, tribes and genera.

Meanwhile the Leconte system has been under investigation here and in Europe and each investigator has proposed some alleged improve-Some of these improvements have been accepted as such by subsequent authors, some have been the subject of more or less dispute. All, as far as a great part of American literature indicates, have been practically disregarded here, where Dr. Leconte's system has apparently been treated by many coleopterists as a finality, to be serenely followed despite all criticism.

Whether this course, undoubtedly convenient, should be continued in this Check List, or some more recent system should be adopted as the basis of its arrangement, has caused me to compare carefully the changes proposed by Sharp, Lameere, Kolbe, Ganglbauer, Gahan, Verhoeff and Sharp and Muir. Unfortunately such comparison discloses a lack of agreement on many points between these critics of Leconte. If, therefore, any departure from Leconte's system be made, it must be after study of the conflicting arguments that have been brought forward and by personal decision as to their respective merits.

Since these arguments relate principally to questions of phylogeny, necessarily a matter of theory and deduction, though larval studies also play an important part, I have found such decision difficult to reach and present the results that follow with much fear that many errors are included, but with the hope that they may be useful in making better known the work of recent investigators of the classification.

Classification of the Coleoptera of North America. Prepared for the Smithsonian Institution by John L. Leconte, M. D., Part 1. Washington: May, 1861-March, 1862.
 Classification of the Coleoptera of North America. Prepared for the Smithsonian Institution by John L. Leconte and George H. Horn. Washington, 1883.

As a preliminary matter it may be well to recall that the classification of the Coleoptera has been frequently altered. In our own country the following catalogues have appeared:

```
F. V. Melsheimer 1806
F. E. Melsheimer 1853
J. L. Leconte 1863
G. R. Crotch 1873 and E. P. Austin, Supplement, 1880.
Samuel Henshaw 1885 and Supplement, 1895.
```

There is no agreement in the sequence of families in these American catalogues, nor do they agree with those published abroad, which also differ among themselves. The reason is that each is based upon a different stage in the ever-changing system of classification.

Systems formerly in Use

The earliest system employing binomial nomenclature is of course that of Linné's, ed. X, 1758. In that work, the beetles (with a few insects no longer considered beetles) are divided into three groups, according to the form of the antennæ, "clavatis," "filiformibus" and "setaceis."

Many other attempts (among which Latreille's recognition of the different forms of the outer maxillary lobe, by which he separated what he called beetles with six palpi from those with four palpi, is noteworthy) led up to the system developed by Latreille, Erichson, Lacordaire, Duval and other great coleopterists. This system was in use when Dr. Leconte began his studies; it had then long held sway and has profoundly influenced him and all the writers on Coleoptera even to this day. It attempts to classify beetles primarily by the number of their tarsal joints, thus:

```
Pentamera — beetles with all the tarsi 5-jointed.

Tetramera — " " " " 4 "

Trimera — " " " " " 3 "

Heteromera— " " front and middle tarsi 5-jointed, hind tarsi 4-jointed.
```

The existence of minute joints, difficult to see but actually present, necessitated the use of terms like pseudotetramera and cryptotetramera. Such a classification, unless qualified by many exceptions, leads to the most unnatural aggregations and is now practically discarded, except that Heteromera are retained by many modern authors as a natural series.¹ I believe that it is an unfortunate retention,

¹ The families (or part of them) usually included in Heteromera may truly constitute a natural series, but, if so, it cannot be safely defined by the heteromerous tarsi.

though Dr. Gahan describes the suggestion that they are not really a natural series as "heresy," for, if the definition were strictly applied, the series would include Hydroporus among water beetles, many Silphids and Staphylinids, and many Clavicorns, as well as the Tenebrionid-like beetles, for which it was intended. Even in that restricted sense, the heteromerous tarsi do not afford a good definition, as may be noted in comparing Tetratomini and Triphyllini, formerly far apart, now united by Casey, or Ababa and Othnius, considered allies by that author, though Ababa was later shown to be a Clerid by Schaeffer.³ Heteromerous tarsi are in fact found in so many groups that the character cannot safely be used to define a primary division or to found a natural series. Nevertheless the reader will note as the more recent systems are explained how their authors have clung to the tarsal system and especially to the heteromerous division.

Leconte System

The great merit of the Leconte system is the primary use of many other characters drawn from the sutures, palpi, abdominal segments and antennæ, guided throughout by Dr. Leconte's wonderful instinct, which led him so nearly right that few changes in his system, out of the many that have been proposed, meet with general approval. He was, however, bound to be influenced by his early studies and the ideas thereby derived from his illustrious predecessors, such influence, as it seems to me, showing in his divisions Isomera and Heteromera, based upon the formerly used tarsal characters. He divided beetles into:

```
I. Coleoptera Genuina: — double gular suture and flexible palpi.
 1. ISOMERA:
                          — all the tarsi of same number of joints.
                          — first visible abdominal segment divided.
   a. Adephaga
   b. Clavicornia
                          — clavate antennæ.
                          — serrate antennæ.
   c. Serricornia
  d. Lamellicornia
                          — lamellate antennæ.
                          - 4-jointed tarsi
   e. Phytophaga
                          — heteromerous tarsi.
2. Heteromera
II. RHYNCHOPHORA
                          — single gular suture and rigid palpi.
```

This is the system in general use in America. The objections that have been urged against it are that the tarsal character can only be used with exceptions, that Clavicornia and Serricornia merge one into the

¹ The Entomologist, December, 1911, p. 395. ² Journ. N. Y. Ent. Soc. VIII, 1900, p. 167. ³ Journ. N. Y. Ent. Soc. XXV, 1917, p. 133,

other by transitional forms, that Lamellicornia deserve more exalted rank and Rhynchophora less, that Phytophaga and Rhynchophora are closely related and should not be separated by Heteromera, and that Adephaga are more entitled to sub-ordinal rank than any other division. While these objections may all be valid, no one has yet offered a better system in the form of a complete classification. The improvements suggested and substantially approved include two series:

Palpicornia for Hydrophilidæ, etc., with palpi longer than antennæ.

Staphylinoidea for a series of families mostly with short elytra and with three or more dorsal abdominal segments corneous.

Except for a change in the position of the Phalacridæ, these series do not alter materially the sequence of families as arranged by Leconte, they only supply names for groups of families in his series Clavicornia. Other series that have been proposed have not met with such substantial approval and will be discussed later. Clear cut definitions for themare more or less difficult to find.

Sharp System

Dr. Sharp's system 1 was published 16 years after Leconte's and much that had been developed in the interval, especially in larval studies is admirably treated and illustrated by him. His great knowledge of the Coleoptera of the whole world and his knowledge of the entire class of Insecta make his opinions worthy of the highest respect. His classification is:

```
Lamellicornia — 5-jointed tarsi — antennæ lamellate.
```

ADEPHAGA — 5-jointed tarsi — maxillæ with outer lobe palpiform.

Polymorpha — tarsi variable — antennæ serrate or clavate.

Heteromera — tarsi heteromerous.

Pнуторнада — tarsi 4-jointed.

RHYNCHOPHORA — head with a beak, gular suture single, palpi usually not evident.

Here the isolation of the Lamellicornia is better shown, the Clavicornia and Serricornia are consolidated into a series embracing in Sharp's words "a large number of forms still unclassified," though "a large part of them belong to four great families (Staphylinidæ, Buprestidæ, Elateridæ, Malacodermidæ) which are easily recognizable." Such was the state of the classification in 1909 (or 1899, if the date of the first edition is used) with tarsal characters still prominent.

Neither Leconte's nor Sharp's classification professes to be phylo-

¹ Cambridge Natural History, VI, 1909. Insects, by David Sharp, M. A., M. B., F. R. S.

genetic; the position assigned Lamellicornia by Sharp does not mean that he considered them lowest in the phylogenetic scale, but simply so distinct from other beetles as to require a special place, while the position given them by Leconte was avowedly simply a matter of convenience.

Phylogenetic Systems

The phylogenetic systems seek to arrange the families and series so that the more primitive beetles shall precede the more derivative; in such systems certain characters are assumed to indicate a stage in the progressive modification of the Coleoptera, rather than a relationship.

Taking the tarsi as an example, a primitive beetle is assumed to have had tarsi composed of five equal, elongate, unmodified joints, as in a generalized sort of insect. Tarsi in which by fusion some of the five joints are shortened, or modified, might have been derived from the simple 5-jointed tarsi; further progressive modification might have reduced the number on one leg to four, producing the heteromerous condition; still further modification might have produced the 4-jointed tarsus, or even three, or two, or one. All such modified tarsi would indicate a greater or less degree of derivation or specialization.

The same theory may be and has been applied to many parts, external and internal, of the body and its appendages. Sometimes the modification, perhaps under the influence of special environment, has been apparently rapid in certain directions, while in others it has stood nearly stationary. In such cases it may be possible to build up series of families showing progressive modifications in various directions, but each united as a series by the possession in common of those characters which have been scarcely modified. But the results may, and indeed have, varied greatly, according to the value attached to the various characters as indices of phylogenetic rank.

The first serious attempt to do this is by Auguste Lameere, the great Belgian coleopterist, in 1900¹). His first results were corrected in 1903²) and give the following classification, based primarily on the venation of the hind wings:

CARABIFORMIA — hind wings with cross-veins connecting longitudinal veins.

STAPHYLINIFORMIA — hind wings without cross-veins connecting longitudinal veins.

CANTHARIFORMIA — hind wings with longitudinal veins hooked or recurrent.

¹ Notes pour la classification des Coleoptères (Ann. Soc. Ent. Belg. XLIV, 1900).

² Nouvelles Notes pour la classification des Coleoptères (Ann. Soc. Ent. Belg. XLVII, 1903).

The Canthariformia were divided into following series; defined only by the list of families included.

TERIDILIA
MALACODERMATA
STERNOXIA
MACRODACTYLIA
BRACHYMERA
PALPICORNIA
CLAVICORNIA
PHYTOPHAGA
HETEROMERA
LAMELLICORNIA

Lameere's Carabiformia is equivalent to the Adephaga of other authors and it is noteworthy that he considers the genus *Omophron*, as did Kolbe in 1880, as a sub-family leading from Carabidæ to Haliplidæ, in which I am glad to follow him. Of the groups he separated in Canthariformia, many, sometimes in a modified form, have met with much approval. Kolbe for instance, adopts Malacodermata, Palpicornia and Sternoxia; Gahan also considers Malacodermata a natural group and he says that Teridilia, composed of Lymexylidæ, Lyctidæ, Ptinidæ, Anobiidæ and Bostrichidæ would be a fairly natural one. Dr. Gahan's general attitude, however, is in his language "finding serious difficulties in accepting the groups proposed either by Lameere or by Kolbe" and published in 1911¹), after much *pro* and *con* had been written, fairly reflects the conservative opinion of Lameere's work.

But if not entirely acceptable, Lameere's work certainly stirred up other authors. The most voluminous was Ludwig Ganglbauer, custos in Hof-Museum in Vienna, and author of the unfinished "Käfer von Mitteleuropa." His system, unfortunately never entirely worked out, appeared in its most complete form in 1903 ² and classified beetles much as was done by Leconte, but raising the rank of Adephaga, separating Palpicornia and Staphylinoidea as series, and consolidating Serricornia and Clavicornia to form series Diversicornia, also Phytophaga and Rhynchophora, in one series Phytophaga. The result gives:

Sub-order	ADEPHAGA
"	POLYPHAGA
Series	Palpicornia
u	Staphylinoidea
"	Diversicornia
"	Heteromera
66	Phytophaga
66	Lamellicornia

¹ On some recent attempts to classify the Coleoptera in accordance with their Phylogeny (The Entomologist, XLIV, 1911, pp. 121-351).

² Systematisch-Koleopterologische Studien (Münch. Kol. Zeitschr. I, 1903, pp. 271-319).

As in Lameere's system the highest rank is assigned to Lamellicornia; principally, it seems to me, on account of the high degree of concentration of the ganglia of the nervous system. I cannot share this view for reasons that will be given later, but it may be here stated that Dr. Gahan in a cautious way commends the Ganglbauer system and ends his masterly review in the "Entomologist" thus: "I think that his classification may well stand for the present as the one best devised to express our knowledge of the phylogeny of the Coleoptera."

Ganglbauer's system is also substantially approved by Anton Handlirsch,¹) who in 1430 pages and 70 plates reviews the accumulated knowledge of fossil insects and deduces from the study thereof, and the study of various systems of classifications of living insects, a phylogenetic classification of the latter. For the purpose of this paper, pp. 1271–1280 and "stammbaum" VII, in which the families of Coleoptera are treated, are of the greatest interest, and as the results I have reached do not entirely agree with those therein set forth, it seems proper to preface an account of them by pointing out that Handlirsch admits that he is not a coleopterist (p. 1276) and that his reference to verbal communications from Ganglbauer, both authors being attached to the Hof-Museum in Vienna, may indicate that to some extent the one was influenced by the other.

Handlirsch considers the Coleoptera as being derived from Protoblattoidea previous to Triassic times, rejecting the alleged Coleopterous fossils of earlier epochs as being very doubtfully beetles at all; during the Triassic epoch he conceives that from an extinct protocoleopterous fauna two suborders arose, viz.: Protoadephaga and Protopolyphaga. Triassic fossil remains consist of elytra only, which cannot with certainty be ascribed to any existing families. During the succeeding Liassic epoch the Protoadephaga began to divide into the Adephagous families as now known; the more numerous fossil remains (pl. XLI), showing sometimes head and thorax as well as elytra, permit of the family being recognized by general appearance, though legs, antennæ and other appendages are missing. During the Lias also the Protopolyphaga began to divide into something approaching their present divisions; among the Lias fossils resemblances to our present Elateridæ are not uncommon, the peculiar prosternal process being plainly seen in some; while the blattoid form of thorax found in other fossils is very suggestive of Malacodermata like our Lampyridæ. But Handlirsch expressly disputes the reference of Trias or Lias fossils to existing fami-

¹ Die Fossilen Insekten und die Phylogenie der Rezenten Formen, Leipzig, 1906-1908.

lies, except in Adephagous forms, his theory being that as the Protocoleopteron arose from Protoblattoidea prior to the Triassic, and the Protoadephagon during Triassic, so did the Protopolyphagon arise and divide during Liassic.

In the Jurassic fossils, plate 45, more progress was made; among the Adephaga, water beetles like *Dytiscus*, and Carabids like *Calosoma*, are plainly seen with their characteristic legs; but among the Polyphaga it is still hard to place the species in existing families. The Cretaceous fossils are so few and imperfect that nothing can be said of them; but in the Tertiary fossils from Oeningen in Baden, and from Florissant in Colorado, the extraordinary numbers that have been found and their comparatively complete preservation have permitted of referring them not only to living families, but even genera in those families. Of the existing families very nearly all are now known among Tertiary fossils. Finally, in Quaternary fossils, in peat, and in interglacial deposits, it becomes a question as to their difference from living species.

To me it seems strange that Handlirsch, after establishing by fossil evidence the appearance of the Serricorn series, Sternoxia and Malacodermata, before any other polyphagous series, should in his "stammbaum" place Sternoxia after the Clavicornia. In his catalogue of Tertiary fossils, p. 743, he places them before the Clavicornia, and more correctly in my view.

As intimated above, he was possibly influenced by Ganglbauer and considerations of internal structures to which both authors attach great importance. At any rate his final conclusions are very much like Ganglbauer's and are based upon the conception of the sub-order Adephaga, having first become divided from other Coleoptera, which later became successively broken up into series as follows: Staphyliniformia, Palpicornia, Malacodermata, Clavicornia, Brachymera, Serricornia (=Dascilloidea), Sternoxia, Teredilia, Heteromera, Phytophaga, Rhynchophora, Lamellicornia, of which the last named were the last to be evolved from the protopolyphagon. It is in the division of Ganglbauer's Diversicornia into at least ten series that the greatest difference between the two authors appears; Dr. Sharp, in a letter, insists upon even many more lines of descent, and Dr. Gahan, as already stated, finds serious difficulty in accepting the groups proposed by Kolbe and Lameere. All recently expressed opinions, in short, tend towards the recognition of more numerous groups.

H. J. Kolbe, a German author of high standing, has on the contrary attacked the Ganglbauer system and has proposed one that is

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quite different, based on the theory that parts of the body proper, rather than its appendages, truly show the progressive modifications of the Coleoptera. His early work 1 was considerably altered in 1908 2 and as altered gives the following system:

ADEPHAGA

HETEROPHAGA (= POLYPHAGA Ganglbauer.)

Sternites of 2d and 3d abdominal segments separate, their pleuræ HAPLOGASTRA separated by a suture.

including: Staphylinoidea, Lamellicornia.

Sternites of 2d and 3d abdominal segments connate, no trace of Symphyogastra suture between their pleuræ.

including: Cupesidæ, Malacodermata, Trichodermata, Palpicornia, Dascilloidea. Sternoxia, Bostrichoidea, Heteromera, Clavicornia, Phytophaga, Rhynchophora.

This system seems to have had some influence upon Kuhnt, in preparing the "Illustrierte Bestimmungstabellen" and upon Dr. Pierce, but was never fully worked out by Kolbe himself, though his earlier "Natürliches System der carnivoren Coleoptera" (D. E. Z. 1880, pp. 258–280) superficially covers Adephaga. As counteracting the possibly extreme views of Ganglbauer regarding Lamellicornia and Rhynchophora, Kolbe's work is valuable; and in corroboration of his estimate of the highest rank for Rhynchophora, I would here quote Dr. Sharp's sentence, "we should be inclined to place such forms as Calandrides among the most perfect of insects."

Systems based on Genitalia, etc.

An entirely different point of view is that taken by Sharp and Muir who have devoted considerable time to a comparative study of the genitalia.4 The heterogeneous character of the Heteromera, which have appeared intact in every system so far, is brought out by their work; Cistelidæ, Lagriidæ and Monommidæ are found to resemble

⁴ The comparative anatomy of the male genital tube in Coleoptera (Trans. Ent. Soc. Lond. 1912, pp. 477–639, and 1918, pp. 223–229).

Vergleichend-morphologische Untersuchungen an Coleopteren nebst Grundlagen zu einem System und zur Systematik derselben (Arch. f. Naturg 1901, pp. 89–150).
 Mein System der Coleopteren (Zeitschr. für wissenschaftliche Insektenbiologie, IV, 1908,

<sup>116-400).

3</sup> Illustrierte Bestimmungs Tabellen der Käfer Deutschlands, Stuttgart, 1912. (This work has

Tenebrionidæ in the form of the genitalia, but all the other families heretofore called Heteromera more nearly resemble Cucujidæ in the form of genitalia than Tenebrionidæ. They suggest the arrangement of the Coleoptera in eight series, thus:

Byrrhoidea — most of Leconte's Serricornia.

Caraboidea — Adephaga.

Cucujoidea — all not included elsewhere.

STAPHYLINOIDEA — Staphyliniformia.

MALACODERMOIDEA — Malacodermata.

TENEBRIONOIDEA — Cistelidæ, Lagriidæ, and Tenebrionidæ.

SCARABAEOIDEA — Lamellicornia.

PHYTOPHAGOIDEA — Phytophaga and Rhynchophora combined.

but they give no definitions other than those drawn from the genitalia and admit that their work is unfinished and subject to revision, especially as to division of the series Cucujoidea. It is noteworthy that they found two types of genitalia in the family Colydiidæ, and that the more primitive of the conditions of the coleopterous genital tube, so far as existing forms are concerned, occurred in the Byrrhoidea, contradicting to this extent the phylogeny presented above.

I have been greatly impressed by the results of this work by Sharp and Muir and regret that it has not yet been completed. Its recognition of Caraboidea, Staphylinoidea, Malacodermoidea, Tenebrionoidea, Scarabæoidea and Phytophagoidea, as six great series, each having characters in common, while each at the same time shows a definite different direction in which modification has progressed, seems to be final corroboration of results obtained by previous authors from studies of adult and larval characters. Its severance of Tenebrionoidea from the heterogeneous assemblage heretofore called Heteromera is the step needed to correct the old error inherited from Latreille. While I have been, so far unable to correlate their series Byrrhoidea and Cucujoidea with any series based on external characters, I feel that these divisions of theirs may nevertheless be indications in the right direction, but obscured at present by the fact, recognized by Sharp and Muir also, that a number of series are possibly combined in these two groups.

Another worker with genitalia is Verhoeff ¹ who studied also the number of abdominal segments, but in both subjects for a few families only. The accuracy of his observations and the value of his deduc-

¹ Vergleichende Untersuchungen über die Abdominal segmente und die copulations organe der mannlichen Coleoptera (D. E. Z. 1893, pp. 113–170); and weiblichen Coleoptera (D. E. Z. 1893, pp. 209–260).

13 Introduction

tions have been strongly attacked in Germany by Julius Weise 1 and Otto Schwarz,² and have received scant attention elsewhere. this connection the excellent drawing of the extruded genitalia of Brachyacantha by Grossbeck 3 should not be overlooked. The most striking feature of Verhoeff's contribution seems to me his recognition of the isolated position occupied by the Coccinellidæ, for which he made a sub-order Eleutheresiphona, based upon the genitalia, larval characters and life history. The subordinal rank of the family is not conceded by any other author, as far as I know, but its separation as a series from the other clavicorns, may be the outcome.

Pierce 4 has revived the separation of the family Stylopidæ as an order, Strepsiptera, and has recently repeated the arguments in favor of this course.⁵ This is questionable, as they seem to lead quite readily from a series composed of Mordellidæ, Rhipiphoridæ and Meloidæ, and connected, judging from larval characters, through the Mordellide with Lymexylide. That they should have become highly specialized would naturally follow from their parasitic habits.

A similar separation was proposed for the parasitic Platypsyllidæ by Westwood, who called them ACREIOPTERA, but has long since been discarded.

LARVAL CHARACTERS

There has been much written about the larvæ of Coleoptera, especially by the Danish and French authors, but there is no complete classification based on larval characters. The larvæ of the primitive families are either campodeaform, with elongate bodies, long legs, and anal cerci, or blattoid, broader in outline, with expanded sides. In the Adephaga, the legs terminate usually in two claws and according to some authors, are composed of one more joint than in Polyphaga, but there are exceptions to the dual claw, and further studies of Adephagous larvæ may show other exceptions. In some primitive Polyphaga the larvæ are also campodeaform, but with only one claw. In Staphyliniformia, the blattoid form often occurs and it is also seen in Psephenus; it becomes therefore difficult to say which is the more primitive of the two forms

¹ D. E. Z. 1894, pp. 155-157 also, D. E. Z. 1894, pp. 177-188; 1895, pp. 65-78.

² D. E. Z. 1894, pp. 153-155; 1895, pp. 27-36.

³ Bull. Am. Mus. Nat. Hist. XXX, 1911, p. 284.

⁴ A monographic revision of Strepsiptera (Bull. U. S. Nat. Mus. No. 66, 1909, pp. 1-232.)

⁵ The comparative morphology of the order Strepsiptera (Proc. U. S. Nat. Mus. LIV, 1918, pp. 391-501.)

of larvæ, campodeaform or blattoid; if, indeed, there is any phylogenetic significance in such forms. There are, moreover, a number of larval forms that are apparently very peculiar, as in Dermestidæ and Coccinellidæ; and many of the Polyphagous larvæ exhibit modifications in various directions.

In the decidedly derivative series the larvæ apparently show uniform progressive modification in a definite direction. The larvæ of Lamellicornia are eruciform, fat, curled grubs, thickened at anal extremity, but still with legs. The larvæ of the Phytophaga are also eruciform, sometimes with, sometimes without, legs; in Bruchidæ the young larvæ have legs that are lost in the later moults. The larvæ of the Rhynchophora (except Brentidæ) are always curled, legless grubs. There seems thus to be a progressive development from the active larvæ of the Adephaga, through the Polyphagous and Lamellicorn forms of larvæ, that reaches its climax in the slothful seed-eating larvæ of Rhynchophora. Packard has traced an interesting parallel between this development and the life history of hypermetamorphic beetles as stated by Riley 1 and others. If one compares Riley's figure of the first larva (or triungulin) with the campodeaform larva of Adephaga, and his figure of the last larval stage with the eruciform larva of Rhynchophora, a striking resemblance will certainly be detected. The history of the development of Coleopterous larvæ seems to be repeated in the various moults.

But when one considers the legless larvæ of the Buprestidæ and Eucnemidæ, groups that retain many characteristics we have called primitive, the active larvæ of many Coccinellidæ, a group that in many respects seems highly derivative, one is forced to consider the gradual loss of larval legs as possibly the result of atrophy, rather than as an indication of phylogenetic rank. The references made by Handlirsch to the blattoid form of larva as characteristically primitive are still more disconcerting, for such forms are rare in the Adephaga (*Cychrus* is an example and it is certainly far from the most primitive of Adephaga) though his fossil evidence strongly favors their early origin.

It seems too early in the study of Coleopterous larvæ to attempt to draw any definite conclusions therefrom, except as a corroboration of those drawn from the study of adults. Mr. Schwarz has given long study to the subject; and his present feeling, as I gathered from a recent conversation with him, is not very different from that I have just expressed. Dr. Böving's results and those of Dr. F. C. Craighead,

¹ On the Larval Characters, etc. (Trans. Ac. Sci. St. Louis, III, 1877, pp. 544-562).

based upon long study and extensive material, may however, when published, afford an independent basis for classification.

Until that time comes we have no system of classification, as already stated, based on larval characters; but alleged resemblances in the larvæ have frequently been used to support relationships based primarily on adult characters; and if such resemblances are, at least in part, cases of convergence, even such may be hazardous.

It may be added that McGillivray's key to Coleopterous larvæ,¹ though excellent for the period in which it was prepared, now requires considerable modification.

I have now given an account of the principal changes that have been proposed in the Leconte system. But it is a bare sketch of their salient points. A complete synopsis and argument may be found in Dr. Gahan's paper from which I have already quoted. This should be studied by every one interested in the subject of family classification. It is, however, a critical paper and points out the weak points in other systems without constructing a new one. The treatment of the Coleoptera by Brues and Melander,² incorporates many of the ideas which I have endeavored to repeat, but gives no clue to the sequence in which the families should be arranged. So that we are left to choose between the rival continental authors, but with the guidance of Dr. Gahan's impartial criticism and of Sharp and Muir's work on genitalia.

System adopted for Check List.

In this way, balancing one argument against another, I am led to believe that a division of the Coleoptera into two sub-orders is established; and that possibly the sub-division of the sub-order Polyphaga into several series, approaching the rank of sub-orders, is at present the best course to pursue. The definition of some of these series, and consequently the inclusion or exclusion of certain families, remains doubtful; but for many purposes such definition is practically accomplished by the families included. The two sub-orders would be separated as follows:

¹ New York State Museum Bulletin 68, 1903, pp. 288-294.

² Key to the Families of North American Insects, 1915.

Outer lobe of maxillæ not palpiform; first visible ventral segment not divided (except Rhysodidæ); hind wings without cross-veins (except Lymexylon, Rhysodidæ and Cupesidæ); pleural sutures of prothorax absent (except Cupesidæ); antennæ and tarsi variable; larvæ variable, tarsus and claw fused (except in Rhysodes, Cupes and Micromalthus)... Polyphaga.

The families Rhysodidæ and Cupesidæ have been variously assigned to both sub-orders as above defined, since they possess some of the characters of each. It is conceivable that they represent the modified descendants of families that existed prior to the separation of Adephaga and Polyphaga; if so, they should in a phylogenetic arrangement precede both, as being more primitive. It is certain that their position has been greatly disputed, but the recent discovery of their larvæ convinces me that they are not Adephaga.

The Polyphaga would be separated into seven series as follows:

1.	Palpi flexible; gular sutures double
	Hind wings with veins in part connected by hooks, or recurrent veins; abdomen with at most two corneous segments dorsally, usually completely covered by the elytra; antennæ and tarsi variable; larvæ variable
3.	Antennæ never lamellate; tarsi variable4.
4.	Antennæ always lamellate; tarsi 5-jointed
1.	Palpi often longer than antennæ, tarsi usually 5-jointed
6.	Antennæ variable, usually filiform, scrrate or modifications of those forms, never lamellate or suddenly clubbed; body in the more primitive families elongate, not strongly chitinized; tarsi 5-jointed or heteromerous; larvæ sometimes remarkably differentiated, with legs (except in Buprestidæ and some Eucnemidæ) that are usually short. Polyformia.
	Antennæ usually clavate, though variable and sometimes only thickened externally; tarsi variable, including heteromerous, 4 and 3-jointed; body strongly chitinized; larvæ with legs, never blattoid
7.	Antennæ clavate, body strongly chitinized; larvæ campodeaform with legs. Palpicornia.
5.	Antennæ lamellate; body usually strongly chitinized; pleuræ of 2d and 3d abdominal segments separated by the suture between their sternites; larvæ eruciform, with legs. LAMELLICORNIA.
8.	Palpi with last joint triangular in primitive families, but becoming small in the more derivative families; tarsi always 4-jointed; larvæ usually eruciform, sometimes without legs
2.	Antennæ variable, even lamellate in one genus, head frequently with a beak; abdomen usually covered by elytra; tarsi 4-jointed, except in three genera, <i>Tomicus</i> , <i>Dryophthorus</i> and <i>Platypus</i> , larvæ eruciform, usually without legs (except in Brentidæ?). Rhynchophora.

The family Brentidæ appears to form an exception to the larval character in Rhynchophora, if the descriptions are correct. It is also

exceptional in the form of its beak and in certain other respects. It is possible that it, like Rhysodidæ and Cupesidæ, belongs to an old protocoleopterous family.

DISCUSSION OF SYSTEM ADOPTED.

As to the isolation of the Adephaga there is no dispute: all authors are in agreement on that point and every character, whether drawn from the venation, the external or internal structure, the genitalia, or the larval characters, support it. The case is different, however, with the other groups. The separation of the Rhynchophora was proposed by Leconte and urged in special papers on the subject;1 it has been endorsed by Sharp and, to a less degree, by Kolbe; it has been opposed by Lameere, Ganglbauer and Gahan on phylogenetic grounds because they think the Rhynchophora are plainly derived from the Phytophaga, or the two from a common source; it has also been opposed by Muir because the genitalia are of the same type as those of the Phytophaga, and in our country by Pierce.² Numerically the opposition would rule, but the following reasons support Leconte's view.

There can be little question that the Rhynchophora are the most specialized of all beetles, remarkably distinct by the characters discovered by Leconte, as well as by their legless larvæ and the great development of the snout. As I shall show presently, they seem to be the most recent also of all beetles. That the links connecting them with their ancestors, admittedly the Phytophaga (in part at least), have survived is a result of their recent origin and no argument against their isolation if their characters otherwise warrant it. Had all the links survived, the isolation of the Adephaga might be no greater than that of the Rhynchophora. After trying to give due weight to the arguments to the contrary, I can find nothing to balance the strong characters of rigid palpi and single gular suture originally developed by Leconte and repeated in the Rhynchophora of N. E. America, and I am still disposed to follow Dr. Leconte in isolating Rhynchophora, but as a series, not a sub-order, for reasons given below.

The isolation of the Lamellicornia has also been recognized since the days of Burmeister.⁴ They appear as a series in every system, no element has ever been added or subtracted, there are no other beetles

Amer. Naturalist, VIII, 1874, pp. 385-396 and 452-470.
 Studies of Weevils, etc. (Proc. U. S. Nat. Mus. LI, 1916, pp. 461-473).
 Rhynchophora or Weevils of North Eastern America, Blatchley & Leng, Indianapolis, 1916.
 Handbuch der Entomologie, III, 1842.

that have the lamellate antennae or anything approaching them, except perhaps a few Scolytids. Dr. Sharp's course in treating them first, before even the Adephaga, is perhaps a consequence of their isolation being prominent in his thoughts. Dr. Leconte also considered but rejected the same course. The final disposition of this question must be left for the future; I am unwilling to add another sub-order, though I can see many reasons in favor of doing so; such reasons, however, are part of those that prevent me treating Rhynchophora as a sub-order.

The isolation of the Staphyliniformia by recent authors seems to be based on very strong grounds. In degree it may be less complete than that of Rhynchophora and Lamellicornia, for there are forms like *Sphaerites* that have been placed in Polyformia. But there must be such differences in degree of isolation of series, families, tribes, genera and species, for we can never expect an absolute equality in that respect.

The isolation of Phytophaga is even less complete; many authors unite them with Rhynchophora, others see a remote connection with some families of Polyformia. It is difficult indeed to frame a definition for them based on adult characters alone. Still the term has long been used and is perfectly understood as one admirably covering Cerambycidæ, Chrysomelidæ and Bruchidæ as a series of plant-eating families.

Still more difficult to define as a whole are the numerous smaller series here grouped under the names Polyformia, Palpicornia and Clavicornia. They are in fact what remains after separating the larger and more strongly characterized series. They include some series like Malacodermata and Sternoxia that though smaller in number of species involved are very distinct; the distinctions, however, occur in structures that have not been used in making primary divisions, and are perhaps in that sense of less importance. The Rhynchophora seem to me very nearly of the subordinal importance that Leconte gave them; those included above seem nearest to them in degree of important difference. I have reduced the Rhynchophora somewhat unwillingly because I feel that their isolation is less than that of Adephaga, but I cannot still further reduce them by elevating more, even of the best defined series in Polyformia, to equivalent rank.

Progressive Modification of Various Structures

Before discussing the sequence in which the series as defined above should be arranged, I would like to state the general conditions under which the order has become specialized in different directions and the general character of the specialization in a few important structures. As it seems to me the primitive habit of the Coleoptera must have been feeding upon a variety of decaying substances, animal and vegetable indifferently, and the first Coleoptera, newly derived from some even more primitive insect, must have been but poorly adapted to their work. It has been shown by Sandor Gorka 1 that the digestive system of such as still feed upon decaying substances is of the simplest form. of feeding principally on animal matter, which characterizes the Adephaga, is accompanied in the larvæ as well as in the adults by adaptations of structure that in classification justify making of them a sub-order. The adaptation extends to the digestive system, which is highly specialized. The habit of feeding largely upon living vegetable tissue which characterizes the more specialized Phytophaga and nearly all the Rhynchophora is also accompanied by adaptations of structure, though in an entirely different direction. These adaptations extend, as in the Adephaga, to the digestive system and to the larvæ; and in the Rhynchophora, whose food is largely derived from the most recent developments of the vegetable kingdom, have reached a degree of specialization that justifies treating that group as the highest development of the sub-order Polyphaga, even if its comparatively recent origin permits of tracing its descent and forbids treating it as a sub-order.

The primitive beetles from which the two sub-orders have been derived are of course extinct, and their characters must be deduced from the theory just suggested. Being derived from some more primitive generalized insect form and being the progenitors of the existing forms, their structures must have been those common to both, but in degree of adaptation exactly the opposite of that found in the most specialized of existing forms. I have already pointed out that the tarsi of the primitive beetle must have been composed of five equal, unmodified joints and that tarsi of a less number of joints, or with joints adapted to swimming or digging, must be regarded as derivatives from the primitive form. Since, according to Dollo's Law,2 a part once lost or reduced to a vestigial condition cannot be regained in progressive modification, a 3-jointed tarsus must be a derivative in comparison with a 4-jointed tarsus, not vice versa, and such tarsal appendages as lobes and onychium must be primitive indications, for they are lacking in highly specialized beetles, but present in many more primitive insects.

Allgemeine Zeitschrift fur Entomologie about 1913.
 See "A History of Land Mammals in the Western Hemisphere," New York, 1913, p. 656
 The author, Wm. Berryman Scott, discussing the so-called law of irreversibility in evolution, decides that while it is perhaps not universally exemplified, deviations are certainly exceptional.

For similar reasons primitive elytra would be elongate, pubescent, and imperfectly adapted to the other parts of the body, because in the highly specialized beetles of each sub-order, they are short, glabrous, and very perfectly adapted to the parts they adjoin.

The hind wings in the primitive beetle should be efficient in flight, with veins similar to those of a generalized insect, *i. e.*, joined by crossveins, if the studies of Comstock and Needham are accepted.

The abdominal segments would be the largest number known in existing forms, viz: eight.

The antennæ would be composed of eleven, similar, unmodified joints, pubescent, not geniculate.

The palpi would be composed of four, similar, unmodified joints; the triangular and securiform modification of the last joint are a specialization in one direction, often seen in Polyphaga; the gradual loss of flexibility and prominence, which attains its maximum in Rhynchophora, is apparently a specialization in an opposite direction, or atrophy from disuse.

The occurrence of ocelli is rare in beetles and is a primitive character, because ocelli are present in lower orders and lacking in the higher Coleoptera. In Cicindelidæ they are present in the larva only.

The presence of certain sutures, viz: the double gular suture, the propleural suture and the suture between the 2d and 3d abdominal pleuræ is a primitive character, because the general progressive modification from an elongate, loosely organized creature to a short, compact insect, with all its parts closely co-adapted, could only be accomplished by a fusion of parts that would obliterate such sutures.

The occurrence of some appendages to the legs, viz: membranous appendages to the claws, membranous lobes beneath the tarsi, the onychium (or arolium) and paronychium between the claws (treated by some authors as representing the pulvillus of lower orders) and the more or less distinct trochantin, is also an indication of primitive character; such appendages are never found in highly specialized beetles. The trochanter also in the exaggerated form found in some Carabidæ and Lampyridæ is a primitive character, being greatly reduced in specialized beetles.

In certain families, like Staphylinidæ, the effect of this modification of the general form is also seen in the character of the coxæ and their cavities, the broad and prominent coxæ being the primitive forms, often accompanied by an unusual development of the trochanter. The open coxal cavity, appertaining to a loosely organized beetle, is more primitive than the closed cavity.

Now while the Adephaga, with their acquired habit of eating flesh and its accompanying modifications of structure, are plainly derivatives of the primitive beetles that preceded them, it seems as if they might be the first great offshoot and, having preserved more of the primitive characters than the other sub-orders, were entitled to the first place, even though some other beetle may have better preserved one or more different primitive characters.

Tabular Comparison

In tabular form, using P for primitive, D for derivative and P D, counted as $\frac{1}{2}$ D, where both primitive and derivative forms occur in the series, the sub-orders and series would stand as follows in respect to each character I have considered above:

	Elytra	Wings	Tarsi	Abdomen	Antennae	Palpi	Lotes	Onychium	Ocelli	Pp. Suture	Gul. Sut.	Larva	Total
ADEPHAGA	D	P	P	P	P			PD		—— Р	—— Р	P	$= 3\frac{1}{2}D$
POLYPHAGA:	1												•
Palpicornia	D	D	PD	PD	PD	D	D	D	D	D	\mathbf{P}	P	$= 8\frac{1}{2}D$
Staphyliniformia	D	PD	PD	PD	PD	PD	D	D	PD	\mathbf{D}	P	P	$= 7^{\circ}D$
POLYFORMIA:													
Cantharoidea	PD	D	P	P	PD	D	D	D	D	D	P	P	= 7 D*
Cupesoidea	D	P	P	D	P	D	D	D	D	P	P	D	= 7 D*
Teredilia	PD	D	P	P	P	D	D	D	D	D	D	P	$= 6\frac{1}{2}D$
Mordelloidea	PD	D	D	PD	PD	D	D	P	D	D	P	\mathbf{P}	$= 6\frac{1}{2}D$
Sternoxia	PD	D	P	PD	• D	D	P	D	D	D	P	P	$= 7\frac{1}{2}D$
Macrodactylia	D	D	P	PD	D	D	D	D	PD	D	P	P	= 8D
Dascilloidea	PD	D	P	D	D	D	D	D	\mathbf{D}	D	P	P	$= 9\frac{1}{2}D$
Brachymera	D	D	P	D	D	D	PD	D	D	D	P	P	$= 8\frac{1}{2}D$
Clavicornia	D	D	PD	D	D	D	D	D	PD	D	P	PD	$= 9\frac{1}{2}D$
Coccinellidæ	D	D	D	PD	D	D	D	D	D	D	P	\mathbf{D}	$= 10\frac{1}{2}D$
Tenebrionoidea	D	D	D	D	D	D	PD	D	D	D	P	PD	$= 10^{\circ} D$
Bostrichoidea	D	D	PD	D	PD	D	D	D	D	D	P	D	= 10 D
Lamellicornia	D	D	P	PD	D	D	D	PD	D	D	P	D	= 9 D**
Phytophaga .	D	· D	D	PD	D	D	D	D	D	D	P	PD	= 10 D
RHYNCHOPHORA	D	D	D	D	D	D	D	D	D	D	D	D	= 12 D

^{*} In these series the broad coxæ and prominent trochanters are additional primitive characters.

The minor series that have been proposed are introduced under Polyformia, though I am not yet prepared to define or accept them all; the names are for the most part taken from Lameere. The totals show plainly the primitive character of Adephaga, the intermediate character of most of the Polyphaga, with the highly derivative character of the Rhynchophora. They apparently support also Lameere's first thought that Teredilia were very primitive beetles, and Verhoeff's claim for a relatively exalted place for Coccinellidæ; but I am unwilling to entirely subvert Leconte's sequence of families on such theo-

^{**} Somewhat higher rank than indicated must be assigned on account of nervous system.

retical grounds, especially as the totals run so close that any small error would affect the result. I think, however, that this table shows that Leconte's serricorn families are more primitive than his clavicorn families so definitely that there remains no doubt his sequence should be reversed in that section of his work.

If Lamellicornia are compared, their formula would correspond neither with the highest rank that Ganglbauer gave them nor the lowly position assigned by Kolbe, but an intermediate place such as they occupy in the Leconte system. Ganglbauer has maintained, and is apparently supported therein by Dr. Gahan, that they are the most highly specialized of all beetles, in the antennæ, in the high degree of concentration of the nerve ganglia, and in the social instincts displayed by their highest tribe. He is opposed by Kolbe, who cites their 5-jointed tarsi and abdominal structure as strikingly primitive characters, and he might have included the frequent occurrence of the onychium. It appears also by Ganglbauer's own statements that the nerve ganglia are highly concentrated in the Rhynchophora also and he appears to have overlooked the occurrence of lamellate antennæ in certain Scolytids. I have therefore no hesitation in adopting approximately as far as Lamellicornia are concerned the results of the formulas given above, especially since they only corroborate those reached by Leconte and coincide with the sequence for the principal families to which we are accustomed.

The internal structures have also been studied and confirm more or less the results obtained from the study of the external structures. know these data only from Dr. Gahan's paper, already quoted, in which he reviews the work of Escherich, Emery, Dufour and Bordas 4 on sexual organs, ovaries and testes, Brauer⁵ and Wheeler⁶ on the Malpighian vessels, and Blanchard, Brandt and other anatomists on the nervous system. Korshelt and Heider⁹ are also quoted as the latest review of these internal structures.

The phylogenetic deductions from the studies of internal structures by various authors are not entirely in accord, but taken as a whole confirm the primitive character assigned to the Adephaga. bearing upon the rank to be assigned to Lamellicornia is to elevate that

¹ Zeitschr. fur Wissensch. Zool. LVII, 1894, pp. 620-641.

Zeitschr. 1dt Wissensch. 2001. LVII, 1894, pp. 020-041.
 Biol. Central. Bl. V, 1885, p. 652.
 Ann. Soc. Nat. VI, 1825.
 Ann. Sc. Nat. Zool. et Pal. 8 ser. XI, 1900, pp. 283-448.
 Verh. zool. bot. Ges. Wien. XIX, 1869.

⁶ Psyche, VI, 1893.

⁷ Ann. Sc. Nat. 3 ser. Zool. V. 1846, pp. 273–279. ⁸ Hor. Soc. Ent. Ross. XIV, 1878.

⁹ Lehrbuch der vergleichenden Entwicklungsgeschichte der wirbellosen Thiere, Jena, 1902.

series above that which it would take from a comparison of external characters alone. This is one of the considerations that lead me to place it where I do. Special discussion of Palpicornia and some smaller groups will be found below.

An Alternative View of Phylogeny

I have thus far presented the phylogeny as developed by continental authors with but little interpolation of individual opinion. To complete the account of the bearing of their hypotheses upon the classification it seems necessary to point out that they are only fairly supported by part of the known facts and so contradicted by some others that it would be extremely injudicious to subvert an established classification on such theoretical grounds, though some modifications based thereon may be acceptable.

To my mind, the assumption implied in the phylogeny thus far presented, that of all the families of the protocoleoptera of pretriassic times, none have survived except those that were succeeded by Adephaga and Polyphaga (as defined by phylogenetic authors), is unwarranted. I can conceive of the great groups of flesh-eating Adephaga and planteating Phytophaga arising under favorable environment; and of other similar groups responding by increase in genera and species to various environments produced by geological changes, but I must maintain that the utter extinction of all the families of protocoleoptera that existed prior to the origin of such groups is improbable and that it is far more likely that some of the present small families, especially those of disconnected distribution, represent remnants of families that existed prior to the origin of the Adephaga.

The consequences of the false assumption may be seen in the failure of the phylogenetic scheme to coincide with the results obtained from study of genitalia, from study of larvæ, especially the blattoid forms, from study of digestive system, and other internal parts, all of which have been mentioned above. The remedy may lie in separating from the mass called Polyphaga all the small families with primitive characters in the adult and larva, and treating them phylogenetically as more primitive than Adephaga. It is not, however, my purpose to propose a new system of phylogeny, but rather in this paragraph to point out the defects of that already presented as a reason for not following any phylogenetic theory in arranging the sequence of families beyond

the point at which it is in approximate accord with a sequence otherwise established.

I cannot refrain from inserting a few words on environmental adaptation. I have already alluded to the three-fold division of the Coleoptera indicated by the digestive system. This is in a measure confirmed by the modifications of the palpi. In papers read before the New York Entomological Society some years ago, but still unpublished, I tried to show that while the chief environmental factor for plants might be moisture, for beetles it was certainly food; and profound structural modifications were correlated therewith. This is naturally nowhere more marked than in the mouth parts and especially in the palpi. Assuming, as I feel compelled to do, the habit of feeding (possibly in very moist, swampy localities) on decaying matter, vegetable and animal indifferently, as the primitive habit of beetles, it is found to be associated with the simplest form of digestive apparatus and with mouth parts of varied form, but extreme in no direction.

It is noteworthy also that among such forms the blattoid larva is also most frequently found. The habit of feeding on animal matter is associated with a more complex digestive system and with the equivalent of six palpi. The habit of feeding on living vegetable tissue is associated with an equally complex, but different digestive system, and a gradual atrophy of palpi, practically complete in the highly derivative Rhynchophora.

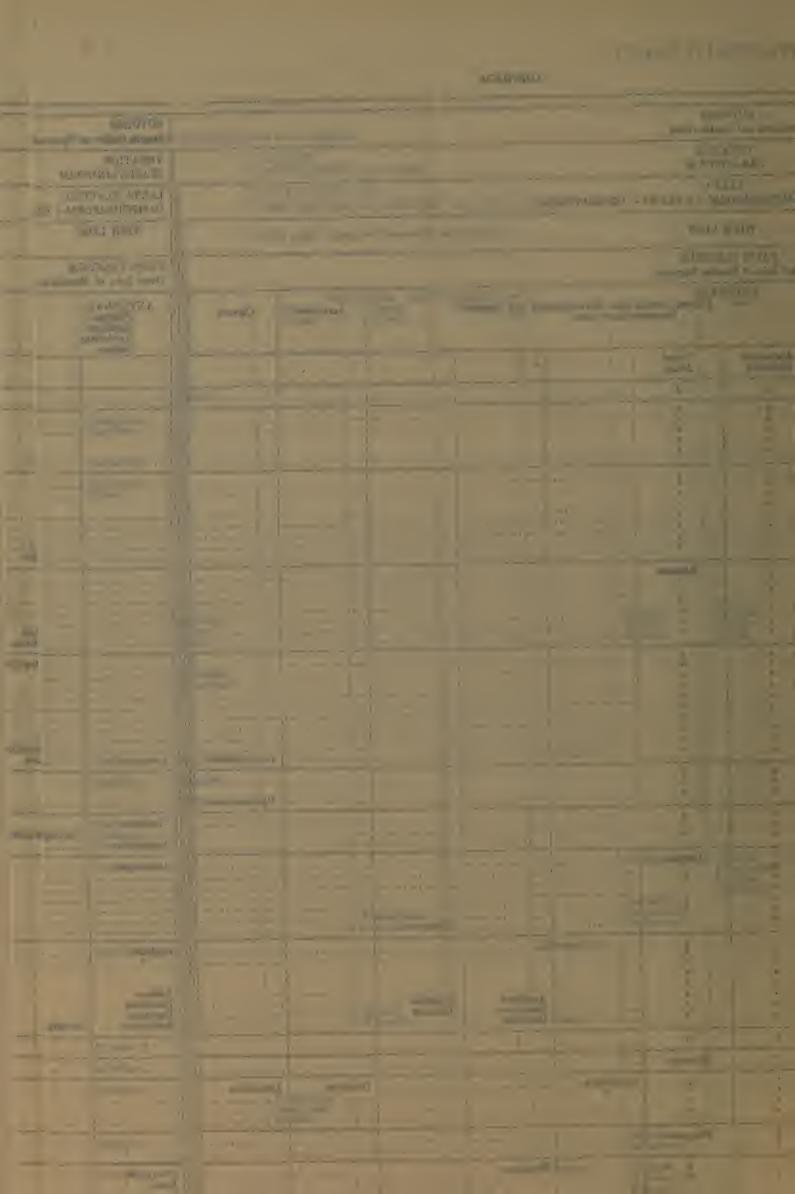
It may still be true that the extinction of the most primitive of polyphagous families leaves the Adephaga possessed now of the greatest aggregate of primitive characters (as indicated on p. 21), but if such be the case, it does not necessarily imply an origin for them antecedent to that of all Polyphaga. While, therefore, I place Adephaga first, my doing so is more because Leconte did so than because I believe they are more primitive than every family of Polyphaga; and while I have arranged the families of Polyphaga in accordance with the phylogenetic table on p. 21, including with them Rhysodidæ and Cupesidæ, it is not my intention to conceal the heterogeneous character of the assemblage. It seems better, however, to retain existing errors if such there be, rather than to risk introducing new ones on no better basis than disputable phylogeny.

Explanation of Chart

Having thus established with a fair degree of certainty the sequence in which the series should be placed, I will now endeavor to exhibit the position, in the series, in which the families and some of their most

POLVPHAGA

ADEPHAGA				TODITHAGA		
SUTURES Propleural and Double Gular	SUTURES Double Gular; no Propleural (except Cupes); haplogastral in Staphylinife	orms and Lamellicornia.				SUTURES Single Gular. No Propleural
VENATION CARABIFORM	VENATION STAPHYLINIFORM	VENATION CANTHARIFORM (except Cupes)				
LARVA CAMPODEAFORM — 2 CLAWS — OR BLATTOID	LARVA BLATTOID	LARVA BLATTOID OR CAMPODEAFORM OR MODIFIED TO SHORT LEGS AND CERCI			Sometime LARVA Eruciform ALWAYS ERUCIFORM	
WITH LEGS	WITH LEGS	WITH LEGS (except in Buprestids and Eucnemids)			USUALLY WITH LEG	WITHOUT LEGS (except Brentidee)
PALPI FLEXIBLE Outer Lobe of Maxilla Palpiform	PALPI FLEXIBLE Outer Lobe of Maxillæ not Palpiform					PALPI RIGID or CONCEALED
AVTENNAD.	.	ANTENNAE: (SERRICORNIA Leconte) Filiform Serrate Filiform Serrate Serrate	Filiform Serrate Serrate Serrate Filiform Clava	(CLAVICORNIA) te Moniliform Clavate	Gradually Filiform ANTENNAE: Serrate thickened Clavate Clavate	: ANTENNAE: Filiform
Filiform, except that Morso, Nomrus and Psydrus Auriculate Clavate have moniliform joints	ANTENNAE: Filiform Clavate Capillary Geniculate Serrate	Serrate Clavate	Serrate		Gradually Filliform LAMELLATE Serrate Outer Joints thickened Clavate Clavate	Filiform Clavate Geniculate Lamellate
Abdominal Tarsal Segments Joints						
3 3	Sphærid.					All
	Clavigeride Psalaphide					A
	Micropeplus Stanbulivid				ridiidae Endomychidae	
	Staphylinid. Oligota					
			Confusits	Hemipeplus Cybocephalus Cucujide Erotylide Mycetophag. Coly	mididæ Bruchidæ† Chrysomelidæ didæ Mycetæidæ Cerambycidæ	
			Georysaus Heterocerust	Cucujidæ Eretylidæ Mycetophag. Colyc	mididæ diidæ Mycetæidæ Chrysomelidæ Cerambyddæ Cerambyddæ	Brentidæ
Heterom.			Valorities		Melandryidie Monommidie Lagridide† Tenebrionid† Cistelidee Nothus	AMI I
	Historidas Aclates Acritus	Rh	Xylophilus phorid Antheidre† rdellid Othniidze imerid Pythidze	Rhirophagidæ Erotylidæ Cryptophag. Tetrstomini	Cistelidar Nothus Mycetaridae † Sphindidæ	
4 5			imeria Fytaidis	Telmatophilus†	and controls and a special spe	
	Histeridæ Sphæritidæ					Tomicus
			Buprestidæ Helodidæ† Byrrhide		Lyctide Bestrichide Anohide	Dryophthorus
Hydrophilidæ	Lyrosomini Staphylin. Scaphidiidæ	Cupes Lymexylon	Throscide † Helodidæ† Byrrhide Econemidæ† Bucinetidæ Dermet Elateridæ† Elmidæ† Daseillidæ Byturus Rhipteridæ Parnidæ Placonycha Chelona	det Nitidulide Dyturus? Determine Ostomide Nosodendron Cucujide Erotylide TOROGENIE Nosodendron Cucujide Erotylide	Paesalidæ Paesalidæ Liceanidæ†	Platypus
6 3 Ilyaopiniae	Euplectini Aglyptus		t t	1		
- Hydroscapha	Ptilidæ Stankylin				Hyperaspis	
	Clambidæ Staphylin. Hypocyphus Hypocyphus Agathidium Buæsthetus					
Heterom.	Anisotomini Staphylin.	M.	loidæ Pedilidæ Pyrochroidæ† Pyrchidæ† Aegnahtidæ			
			ryunust rdellidæ rdellidæ jhaloon			All I
Hydroporus						
5	Silphidae Staphylin.				t Scarabæidæ	All I
	Adelops Precions					All I
Amphixoa Dyuseidz Cmophron Halplidz Carabudz Carabudz	Adelops Pteroloma Leptinides Brathinides Scydmænides	Cleridæ† Hylocætes	Plastocerus Cehrio Peeplienus ♥	Rhysodidæ		
7 3 1	t Oxytelini Aleocharini					
Heterom. 5 Carindelidæ Gyranidæ Limnichius	Staphylin.	Talanhoridat	Psephenus o ⁿ	Limnichius		
		Telephoridæ† Lampyridæ† Lycidæ†				
8 Heterom.	Staphylin.	Ri	ipidius epsipters			
5 Brachinus	Platypsylla Omalium Beaver 1 Parante	?Telegeusis Pa of ?	rasites Orthoptera menoptera			
\ CARABOIDEA \(\rightarrow\) GYRINOIDEA \(\rightarrow\) PALPICORNI	IA SILPHOIDEA A STAPHYLINOIDEA	CANTHAROIDEA A CUPES A TERIDILIA A	MORDELLOIDEA A STERNOXIA A MACRO- A DASCILL- A BRA	CHY- A ? CLAVICORNIA	↑ ELEUTHERI- ↑ TENEBRI- ↑ BOSTRICH- ↑ LAMELLI- ↑ PHYTOPHAGA OIDEA ↑ CORNS	
	STAPHYLINIFORMIA		POLYFORMIA			/ RHYNCHOPHORA



peculiar tribes should be placed, if the more primitive are to precede the more derivative. On the accompanying chart vertical lines indicate separations based respectively on the sutures, the venation, the larva, the palpi and the antennæ, the left hand columns being the most primitive; horizontal lines indicate separations based on the number of abdominal segments and number of tarsal joints, the most primitive being at the bottom of the sheet. A dagger indicates the primitive characters of tarsal lobes, onychium, ocelli, soft, pubescent, elytra ill adapted to the body, or trochantin visible. All the characters used in the tabular presentation are thus included; and the sequence of the series is substantially the same as I there employed.

I think it will be seen at a glance that in a general way the sequence of the families proceeds quite regularly from the lower left hand corner of the chart to the upper right hand corner, that is, from the most primitive in respect of the twelve important characters used to the most derivative. In certain cases, however, a primitive series, Staphyliniformia for example, runs higher in abdominal or tarsal development than the more derivative series that follow. If one used those characters only a false idea of the position of the series would result; and I believe Verhoeff's conception of Coccinellidæ as a sub-order is an actual example of such a result. I have tried to incorporate in this chart all the characters that have been used to obtain a balanced result. many of the series, a single or a few genera are placed below the bulk of the families on account of their possessing more primitive abdominal or tarsal characters. This appears to indicate the survival in that series of some of the more primitive forms, forms that in most of the series have become extinct. While such cannot be entirely disregarded, I think it would be a mistake to class the series according to these survivals alone. Some extraordinary forms are tentatively placed. Parasitic insects are regarded as a result of degradation, rather than as a primitive indication. If Telegeusis is correctly placed in Teredilia, it may be necessary, as Lameere did, to place that series first of the Polyphaga, but its affinities are still disputed.

I should like to be able to discuss the considerations that have caused me to put each family in the position assigned in the series and continue the same treatment for each tribe in the family, but that is not now practicable. I will, however, briefly review each series, giving the Adephaga and Staphyliniformia the most space. For the purpose of bringing the terminology into harmony with that of other orders of insects, I have, at the suggestion of Dr. J. Chester Bradley, used words ending in oidea except for sub-orders.

ADEPHAGA

As defined by Leconte, the families included are, Cicindelidæ, Carabidæ, Haliplidæ, Amphizoidæ, Dytiscidæ and Gyrinidæ. Omophronidæ may be separated from Carabidæ as suggested by Kolbe and Lameere and Rhysodidæ has been added by many. As indicated above I believe, however, that Rhysodidæ is one of the nearly extinct branches of the primitive Coleoptera that originated while they still possessed hind wings with cross-veins, divided first abdominal segment, and propleural suture, characters that are shared by Adephaga. I have expressed by a query the reply of Mr. Schwarz to a direct question as to its position "We do not even know how to spell its name;" but, in default of a surely better place, I have left them as Leconte did, near the beginning of the Clavicorns.

Two series are indicated in Adephaga as follows:

The second series consists of one strongly isolated family; the first series may be divided into six families as on p. XXX of Leconte's classification, with Omophronidæ separated from Carabidæ by the character given on p. 6 "prosternum prolonged and dilated, entirely concealing the mesosternum." The larva of Omophron is aquatic and the family seems intermediate between Carabidæ and Haliplidæ. There may be still other families incorrectly included with the Carabidæ which are an assemblage of somewhat heterogeneous character. While the antennæ are usually filiform, three genera have them moniliform; while the larvæ are usually compode form, there are some exceptions and these are correlated with exceptional adult characters. Their classification has been worked over by Latreille, Bonelli, Dejean, Schaum, Erichson, Schioedte, Lacordaire, Leconte, and owes its present form to G. H. Horn. I am sorry that Lameere finds the last, in which I know the author took great pride, "detestable"; and it certainly is far from according with views based on phylogeny, which would bring Elaphrus nearer to Cicindelidæ, and Brachinus, with its pubescent elytra poorly adapted to the body and 8-segmented abdomen, both primitive characters, near the first; with the tribes like Pterostichini and Bembidiini, in which the glabrous elytra have developed the internal plica, near the end. The palpi also indicate a highly derivative position for Carabini and Bembidiini; while the Lebiini, by their truncate elytra,

bright colors, and arboreal habits seem to constitute an isolated group, perhaps even higher in rank.

The abdomen has always six or more segments in Adephaga, seven in Cicindelidæ σ and in Gyrinidæ, eight in the genus Brachinus. The tarsi are 5-jointed throughout, but in Hydroporus the front and middle tarsi are apparently 4-jointed, the fourth joint being either actually wanting or concealed by the deeply lobed third joint. Ocelli are wanting in the adults, but very perfect in the larvæ of Cicindelidæ. In the Carabidæ a striking peculiarity is the development of tactile setæ. These are wanting in the genus Oodes and the aquatic Adephaga; also in the subfamily Pseudomorphinae, which is also remarkable for its short legs and rigid tarsi. Still another large group is characterized by fossorial legs, by which it aids its underground operations, and by pedunculate thorax. The position of Amphizoa is a matter of doubt; but I have not attempted to make any changes in the place at present assigned to it or other divisions. The sequence follows American precedents because there is no other at present available.

POLYPHAGA

The number of families in this sub-order is so great that it will be most convenient to consider the divisions. I use the terms that have been suggested by Lameere principally, adding Mordelloidea for the remainder of the old series Heteromera, after separating Tenebrionoidea.

PALPICORNIA or HYDROPHILOIDEA

The great length of the palpi, exceeding that of the antennæ in the most derivative forms, but far less developed in the primitive sub-families, gives this series its name. In Dr. Leconte's system the principal families included follow the Adephaga, and I have made no alteration. The campodeaform larva of the Hydrophilidæ seems to support Dr. Leconte's view. The phylogeny has been carefully studied by d'Orchymont; he arranges the sub-families in the following order, viz: Hydræninæ, Limnebiinæ and Spercheinæ (not American) as the more primitive, and Helophorinæ, Epimetopinæ, Hydrochinæ, Sphæridiinæ, Hydrophilinæ, as the more derivative; and agrees with Handlirsch and

¹ Ann. Soc. Ent. Fr. LXXXV, 1916, pp. 91-106; and 235-240.

Peyerimhoff that they should follow Staphyliniformia. He admits, however, some doubt pending further study of the more primitive Silphidæ, wherefor the theoretical reason seems an insufficient basis for a change in the sequence to which we are accustomed. The sub-family Hydroscaphinæ has been added by Dr. Böving 1 as closely allied to Limnebiinæ; the larvæ of both are very similar to those of such Staphy linidæ as Tachinus and Tachyporus. The sum of all the characters, (see table on p. 21) seems to me to indicate a higher rank phylogenetically than is conceded by any of the authors named, but this may result from attaching too much importance to the acquired characters due to aquatic environment in most of the sub-families: and on the whole it seems best to continue to place, as did Dr. Leconte, this series immediately after the Adephaga. As I had some trouble in finding the reference, it may be added that Handlirsch (p. 1277) announces that Ganglbauer had verbally agreed to the separation of Palpicornia as a series.

BRACHELYTRA or STAPHYLINIFORMIA or STAPHYLINOIDEA

This division possesses, according to Ganglbauer and Lameere, the most simple form of wing venation, without either cross-veins or hook-veins, but if I correctly apprehend Comstock and Needham's theory of tracheation, while apparently simple, it is not primitive, but a derivative from the more primitive form with cross-veins. By omitting Phalacridæ it comprises all the families in Leconte's system from VII to XIX that follow Hydrophilidæ. These families all have more or less short elytra, and at least three dorsal abdominal segments corneous. They have a distinctive type of genitalia. The larvæ of many at least are campodeaform and greatly resemble Adephagous larvæ except that they have only one claw. Everything therefore indicates that they should precede other Polyphaga; the comparatively large number of derivative characters shown in the table results from including the more derivative forms of this very large group and would be somewhat reduced if cognizance were taken of their primitive coxæ and trochanters.

I have followed Ganglbauer's treatment in the "Käfer von Mitteleuropa" almost exactly. Readers of Leconte's classification will note that it embodies also most of his ideas. The Leptinidæ, with 11-jointed, filiform antennæ, *Pteroloma*, with the same antennæ and Carabid-like

¹ Notes on the Larva of Hydroscapha (Proc. Ent. Soc. Wash. XVI, 1914, pp. 169-74.)

form, and especially *Brathinus*, with both these characters and ocelli to boot, seem to me more primitive than the Scydmaenidæ and Silphidæ, with clavate antennæ, often 10- or 9-jointed, that Ganglbauer puts first. Also the method of counting the number of abdominal segments has been questioned by Verhoeff, and if erroneous, as he thinks, would remove the last reason for putting Staphylinidæ before Silphidæ. In reference to *Brathinus*, Casey 1 has urged its being placed in Omaliini on account of its having the ocelli characteristic of that tribe of Staphylinidæ, but it lacks so many of the other characters that I have placed it as a family (following Leconte's earlier idea) near Leptinidæ and primitive Silphids like *Pteroloma*. For these few changes in Ganglbauer's treatment I am responsible.

The following table shows the diversity of abdominal, tarsal and antennal structure in the Staphyliniformia which have led to the changes that have been made in Leconte's system:

Abd.	Tarsi	Antennæ: Filiform	Clavate	Capitate	Verticillate	Capillary	Moniliform	Geniculate or simple
3 5	3 •3		Sphæridius 11	Microp. 9				
5 5 5	3 4 Het		Pselaph. 2-11				Pselaph. 11	Oligota 10 <i>Hister</i> 11
5 6	5 3	Lyrosomini11	Aglyptus 11	Sphærites11	Ptilidæ 11	Scaphid 11		" Euplectini 11
6 6 6	4. 4		Clamb. 9-11 Agathidium11	Coryloph11				Euaesthetus 11 Hypocyptus 10
6 6	Het 5		Anisot. 10-11	Gory topic 11		Habroceri 11		Megalops 10
6 6 6	5 5 5	Adelops 11 Pteroloma 11	Choleva 11 Silpha 10-11					
6 7	5 3	Leptinus 11 Brathinus 11	Scydm. 11					Oxytelini 11
7	5	•	Antennæ					Staphylin 11
7 to 8	Het		Fringed					Aleoch, 10-11
8	5		Ptatypsylta 10					Omaliini 11

It must be evident from this table how little value for separating series the number of tarsal joints has, for every combination from eight abdominal segments with five tarsal joints, the most primitive known in existing beetles, up to three abdominal segments with three tarsal joints, nearly the most derivative known is included. The number of antennal

¹ In letters, and Ann. N. Y. Acad. Sci. IX, 1897, p. 354.

30 Introduction

joints is shown after every name and runs from eleven to two, the latter in the Pselaphids that live with ants. A great variety of forms of antennæ is also indicated and might even be extended, for in one genus of Silphidæ (Captotrichus) the antennæ are serrate, and there are variations in the number of joints forming the club and in the compactness of the club that are not indicated.

There are also special characters belonging to many of the groups that are not indicated, as the ocelli of Brathinus and Omaliini, the fringed wings of Ptilidæ, the parasitic break-down of many characters in Platypsyllidæ, etc.

The peculiar larval characters of Corylophidæ, Histeridæ, Scaphidiidæ are also omitted; but as an indication of isolation, either in adult or larval characters, I have italicized certain names. Omitting them, the remainder appear to compose two series, Silphoidea and Staphylinoidea, to which the more isolated families are for the present attached as aberrant branches. Handlirsch considered the Histeridæ as an early offshoot from Staphylinoidea; it may be necessary to separate them at least as another series.

MALACODERMATA or CANTHAROIDEA

The Lampyridæ of Leconte, divided into Lycidæ, Lampyridæ, Telephoridæ, Phengodidæ and Drilidæ by more recent authors, possess very primitive characters in their 7-segmented abdomen, 5-jointed tarsi, and broad elytra, not co-adapted to the body, and also pubescent in the more primitive forms. The coxæ and trochanters are of the exaggerated form seen only in primitive beetles, and they have also the soft texture of generalized insects. Brauer's Law might also be invoked to support the primitive character of the Malacodermata in view of the larviform females of some species. With them may be associated the families of Kolbe's series Trichodermata² where the texture becomes firmer, the abdominal segments six, and the tarsi even reach the heteromerous condition in Temnopsophus and Corynetes. The heteromerous tarsi of Othniidæ are therefore no reason why it also should not be included. The antennæ exhibit a wide modification as in the preceding division, being filiform in the lowest forms, serrate in the bulk of the

¹ Since this introduction was written Mr. Schwarz has advised placing Othnius near Pythidæ; the position assigned to Corylophidæ is also seriously questionable.

² Handlirsch (p. 1277) inclines to tracing a different line of descent for Trichodermata on account of difference in number of Malpighian vessels.

series and finally clubbed in the most derivative forms. Their modifications in this series illustrate the difficulty of applying Leconte's Serricorn and Clavicorn divisions, for both forms are found in this as in the preceding series.

The larvæ are imperfectly known, but apparently carnivorous, the more primitive families on or in the ground, the higher families in trees, *Corynetes* in hams, etc.

ARCHOSTEMATA or CUPESOIDEA

The first name has been proposed by Kolbe for the small family Cupesidæ, which includes the genus *Cupes* in North America and the genus *Omma* in Australia. They have been placed in Adephaga on account of their cross-veined wings and propleural sutures, but lack the divided first ventral segment. Their 5-segmented abdomen forbids considering them as of equal primitive rank with Adephaga, but their 5-jointed tarsi and filiform antennæ are certainly primitive. Until recently the larva was unknown, but the work of Snyder ¹ finally clears up that mystery. To me, in view of the larva greatly resembling primitive Polyphaga like Teredilia, they seem to be the modified survivors of an old polyphagous series, properly placed by Kolbe by themselves, but as indicated by Leconte, near his Serricornia.

TEREDILIA or LYMEXYLOIDEA

The genus *Hylocoetus*, which with *Lymexylon*, composes this small series, seems in many of its characters, extremely like the most primitive beetles. Six ventral segments, five tarsal joints, soft integuments, elongate form, badly adapted, pubescent elytra, are all primitive characters. It has, however, serrate antennæ, large, stout palpi and no ocelli or onychium, and must be a derivative. *Atractocerus*, an exotic form, has short elytra like the Staphylinidæ. Handlirsch dissents totally with Lameere as to Teredilia. *Telegeusis* has been included, on account of a verbal communication regarding its genitalia, but as a family, Telegeusidæ, on account of its otherwise divergent characters. Micromalthidæ are also included, though some of my friends prefer to attach them to preceding series.

¹ Record of the Rearing of Cupes concolor (Proc. Ent. Soc. Wash. XV, 1913, pp. 30-31).

MORDELLOIDEA

It is with great hesitation that I propose the interpolation at this point of a series composed of those families possessing heteromerous tarsi and comparatively soft integuments. If, however, the elongate body, 6-segmented abdomen, elytra poorly co-adapted to the body and pubescent, claws with appendage, have any phylogenetic meaning their combination in Cephaloidæ must indicate that family as one of the most primitive ones, while the larvæ of Mordellidæ and Oedemeridæ seem to tell a similar story. I have already mentioned the conclusion of Sharp and Muir from study of genitalia, viz: that such families must be separated from the Tenebrionidæ; and I can see no better place for them than one following (on account of their more derivative tarsi) the other soft beetles. The publication of Dr. Böving's larval studies may, however, supply more information. In some of the families here included the modification of some structures seems to have been very great, as in the overlapping elytra of *Meloe* for example; and these modifications, like others that have been noticed, are correlated with parasitic habits. An extraordinary multiplicity of specific differences also, as usual, mark some of the higher genera, like Anthicus; but in spite of such difficulties I hope this union of families into a series or possibly two series if Meloidæ requires greater separation may prove correct.

STERNOXIA or ELATEROIDEA

This series seems to have met with considerable approval. I had at first separated Buprestidæ on account of their distinctive larval characters, but the *Rhaeboscelis* larva discovered by Weiss and Nicolay is intermediate and perhaps Cebrionidæ should also be withdrawn for similar reason. The prolongation of the prosternum seems, however, to warrant keeping the series intact.

MACRODACTYLIA or DRYOPOIDEA

This series seems to be naturally defined by the extraordinary development of the claws. Its elements are not greatly disputed, but forms like *Placonycha* can only be placed with certainty by knowing the larva.

DASCILLOIDEA

Closely connected with Macrodactylia through the larval resemblance of *Psephenus* and *Placonycha*, the component parts of Leconte's family Dascillidæ seem to indicate several modified survivals of an ancient group, from which possibly the Phytophaga may have also originated. Their aquatic habits seem like an inheritance from primitive ancestors, but they have acquired a higher degree of specialization than many other of Leconte's Serricorns. Some of the genera now included in Dascillidæ may have to be removed therefrom when the larvæ are better known.

BYRRHOIDEA

Byrrhidæ and Dermestidæ are here drawn together with Byturidæ as an offshoot, apparently by its lobed tarsi of most primitive character. Taken collectively, they seem to have preserved more primitive characters than most of Leconte's clavicorn series and should therefore precede the more derivative Clavicornia.

BOSTRICHOIDEA

Leconte's family Ptinidæ, divided into several sub-families by him that have since been raised to families, constitutes the bulk of this series, with Sphindidæ and Cisidæ added though the Sphindidæ may also be related to the next series. The antennæ in the primitive forms are filiform, but rapidly become clavate; this series, like the last, refuses to be classified by the antennal characters.

CLAVICORNIA or CUCUJOIDEA

This series is copied from Ganglbauer, but with Byrrhoidea and Coccinellidæ removed. Some of my friends advocate including Byturus on account of its close relation to Mycetophagidæ. It is still very heterogeneous and requires more study. It seems to me to unite, without a sufficient bond, the remnants of several ancient groups; but no one has yet succeeded in detecting their characteristics. Handlirsch separates the family Cucujidæ as a separate series.

COCCINELLOIDEA

It is with the hope that Verhoeff is partly right in claiming a special place for this family that I have separated them. The phytophagous-like larva of *Hyperaspis* as described by Böving,¹ the extraordinary larvæ of the other genera, seem to justify this course, as well as the adult characters. Handlirsch (p. 1277) suggests their having become separated from Clavicornia at a very early period.

TENEBRIONOIDEA

This series restricted to Cistelidæ, Monommidæ, Lagriidæ, Tenebrionidæ and part of the Melandryidæ, seems fairly consistent, all having the margins of the ventral segments semi-membranous. Like the Clavicornia, the differences in the larvæ seem to indicate more than one origin if their descent could be completely traced. The position here assigned to Tenebrionoidea is relatively high among the series as the result of adopting Sharp and Muir's views as to the significance of the characters they found in the genitalia. If the differences between the genitalia of Mordelloidea and Tenebrionoidea should prove to be only progressive modifications of a single type, as is possible, the position of Tenebrionoidea might be altered, to follow that of Mordelloidea, Cephaloidæ and Oedemeridæ forming a connecting link. Larval resemblances when worked out, may determine this point.

LAMELLICORNIA or SCARABÆOIDEA

Have been discussed above. Handlirsch is singularly silent as to the rank of this series, possibly from disagreement with Ganglbauer. Troginæ may probably require elevation to family rank, as indicated in conspectus on page 38.

PHYTOPHAGA or CERAMBYCOIDEA

Here there seems to have been a modification of the palpi from an enlarged last joint to a partial atrophy, quite the reverse of that observed in previous series and possibly the result of their plant-eating

¹ A Generic Synopsis of Coccinellid Larvæ, etc. (Proc. U. S. Nat. Mus. LI, 1917, pp. 621-650).

habits. They have been commonly divided into Cerambycidæ, Bruchidæ and Chrysomelidæ, but the last division should probably be much subdivided, in harmony with the habits and character of the larvæ. Handlirsch (p. 1279) says there have been at least three lines of descent.

RHYNCHOPHORA

Have been lately discussed in the "Rhynchophora of N. E. America." I have only to add a reference to Dr. Sharp's studies 1 by which Ithycerus is shown to belong to the family Belidæ; and Dr. Pierce's recent studies,² with which I cannot agree in some points, especially in the transfer of Scolytidæ from Rhynchophora to Phytophaga on the basis of tarsal characters, which have been discussed at length above. The characters developed by Leconte, the rigid palpi and the single gular suture, seem to me to exceed in importance both tarsal and beak characters. The union of Phytophaga and Rhynchophora into a single series has frequently been proposed, but there are weighty reasons against doing so; I am free to say that one of the results of my study has been to discourage all such forced unions and to seek the true lines of descent by isolating aberrant forms. It is quite likely that the resemblance of Choragus to the Cryptocephalini, of other Anthribids to the Bruchidæ and of certain Cossonids to Clavicornia, indicates more than one line of ancestry for the Rhynchophora; it may also be urged that the resemblance between certain Scolytids and the Bostrichidæ is the result of convergence following similar habits.

CONCLUSION

Such matters, however, are outside the domain of the present essay. My object has been to study the phylogeny of the Coleoptera sufficiently to arrange the families as they exist at the present time, substantially in accordance with their relative degree of derivation from the primitive beetles. And even if it could be conclusively shown that Rhynchophora were descended entirely from Phytophaga, and they in turn from Dascilloidea, which I do not believe, it would not justify a corresponding arrangement of the catalogue. So far from being conclusively shown are such speculations regarding the origin of Rhynchophora, and the

¹ Journ. N. Y. Ent. Soc. 1918, pp. 215-218.

² Proc. U. S. N. M. LI, 1916, pp. 461-464.

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haplogastral resemblance of Staphylinidæ and Lamellicornia urged by Kolbe, that authors are not even agreed upon the origin of the order Coleoptera. While the study of phylogeny is of absorbing interest, carrying us back far beyond historical or even glacial times, for Lyell ¹ speaks, perhaps in error, of beetles in the Carboniferous Epoch, it may never, from the scarcity of early fossil insects, have enough facts to prove or disprove some of the extreme views that have been advanced. Disregarding them the phylogenetic consideration of the modifications of beetle structure, as given by Lameere, Ganglbauer and Kolbe and analyzed by Gahan, seems to warrant the few changes in the Leconte classification that I have adopted.

My final conclusion is, that bearing in mind the speculative character of the phylogeny of the Coleoptera, and the failure of any theory thus far advanced to reconcile all the facts of larval, adult and fossil studies, it would be premature to base any radical changes in Leconte's classification thereon. The division of the order by recognition of the Adephaga as a sub-order seems to have become established since Dr. Leconte's time; but the inclusion in Adephaga of Rhysodidæ and Cupesidæ on the basis of venation and propleural sutures is forbidden by every other character we have considered. The division of the remainder of the Coleoptera into more series than Leconte contemplated seems also to be justified; and the arrangement of these series in such sequence as their phylogenetic rank suggests seems, though still somewhat open to argument, better than one based on the assumed importance of tarsi, antennæ or any other separate structure, or even partial combination of structures. Acting upon these ideas I have altered the place assigned by Dr. Leconte to the heteromerous series and reversed the relative position of his serricorn and clavicorn families, because I believe the latter are plainly the more derivative. Some minor changes, as in family names and division of families, have been made to harmonize our list with recent European research, but these do not affect the main principles of the classification. The net result is given below in a conspectus of families.

In closing these remarks, intended to explain as well as I can the reasons for making some changes that seemed unavoidable, I wish to express my appreciation of the kindness of some friends, especially Wm. T. Davis and Andrew J. Mutchler, who have frequently discussed the matters involved, and E. A. Schwarz and Herbert S. Barber, whose criticism of my first results, and communication of unpublished larval

¹ Elements of Geology, 1868, p. 494.

studies, were of prime assistance. The criticisms of Dr. Joseph Bequaert and Mr. Charles Schaeffer, while my remarks were under discussion at meetings of the New York Entomological Society, also saved me from some errors. Finally, Dr. Frank E. Lutz has been good enough to read the Mss. from the standpoint of general biology and evolution, and Dr. Adam Böving has, with great generosity, told me of some results of his deep studies of the larvæ of Coleoptera, in advance of his own publication thereof, thereby enabling me to indicate some, at least, of the points of difference.

CONSPECTUS OF FAMILIES OF COLEOPTERA

Following Leconte Classification, modified to accord with recent phylogenetic studies, and embodying changes in family names required by priority:

Sub-order ADEPHAGA

Caraboidea:

1. Cicindelidæ, 2. Carabidæ, 3. Amphizoidæ, 4. Omophronidæ, 5. Haliplidæ, 6. Dytiscidæ.

Gyrinoidea:

7. Gyrinidæ.

Sub-order POLYPHAGA

Hydrophiloidea: $(= \tilde{P}alpicornia)$ 8. Hydrophilidæ (including Hydroscaphinæ).

(STAPHYLINIFORMIA or BRACHELYTRA auct.).

Silphoidea:

9. Platypsyllidæ (= Acreioptera Westw.), 10. Brathinidæ, 11. Leptinidæ, 12. Silphidæ, 13. Clambidæ, 14. Scydmaenidæ, 15. Orthoperidæ? (= Corylophidx).

Staphylinoidea:

16. Staphylinidæ, 17. Pselaphidæ, 18. Clavigeridæ, 19. Ptilidæ? (= Trichopterygidæ), 20. Scaphidiidæ, 21. Sphaeritidæ, 22. Sphaeriidæ, 23. Histeridæ?

(POLYFORMIA auct.) (SERRICORNIA in part).

Cantharoidea:

24. Lycidæ, 25. Lampyridæ, 26. Phengodidæ, 27. Cantharidæ, 28. Melyridæ (= Malachiida), 29. Cleridae, 30. Corynetidae.

Lymexyloidea:? = (Teredilia)

31. Telegeusidæ? 32. Lymexylidæ, 33. Micromalthidæ?

Cupesoidea (= Archostemata) 34. Cupesidæ.

Mordelloidea:?

35. Cephaloidæ? 36. Oedemeridæ? 37. Mordellidæ, 38. Rhipiphoridæ, 39. Meloidæ? 40. Eurystethidæ (= Aegialitidæ), 41. Othniidæ, 42. Pythidæ, 43. Pyrochroidæ, 44. Pedilidæ, 45. Anthicidæ, 46. Euglenidæ (=Xylophilida).

Elateroidea: (= Sternoxia) 47. Cerophytidæ, 48. Cebrionidæ, 49. Plastoceridæ, 50. Rhipiceridæ, 51. Elateridæ, 52. Eucnemidæ, 53. Throscidæ (or *Trixagidæ*), 54. Buprestidæ.

Dryopoidea:

55. Psephenidæ? 56. Dryopidæ (= Parnidæ), 57. Elmidæ, 58. Heteroceridæ, 59. Georyssidæ.

Dascilloidea: Byrrhoidea:

60. Dascillidæ, 61, Eucinetidæ, 62. Helodidæ (or Cyphonidæ). 63. Chelonaridæ, 64. Dermestidæ, 65. Byrrhidæ, 66. Nosodendridæ.

(CLAVICORNIA auct.).

Rhysodoidea:?

67. Rhysodidæ?

Cucujoidea:

68. Ostomidæ? (= Trogositidæ, Temnochilidæ), 69. Nitidulidæ, 70. Rhizophagidæ, 71. Monotomidæ, 72. Cucujidæ, 73. Erotylidæ, 74. Derodontidæ? 75. Cryptophagidæ, 76. Byturidæ, 77. Mycetophagidæ, 78. Colydiidæ, 79. Murmidiidæ, 80. Monoedidæ (= Adimeridæ), 81. Lathridiidæ, 82. Mycetæidæ, 83. Endomychidæ, 84. Phalacridæ, 85. Coccinellidæ (= Eleuthere-

Tenebrionoidea: ? 86. Alleculidæ (= Cistelidæ), 87. Tenebrionidæ, 88. Lagriidæ, 89. Monommidæ, 90. Melandryidæ?

Bostrichoidea:

91. Ptinidæ, 92. Anobiidæ, 93. Bostrichidæ, 94. Lyctidæ, 95. Sphindidæ? 96. Cisidæ.

(LAMELLICORNIA auct.).

Scarabæoidea:

97. Scarabæidæ, 98. Trogidæ, 97. Lucanidæ, 100. Passalidæ.

(PHYTOPHAGA auct.).

Cerambycoidea: 101. Cerambycidæ, 102. Chrysomelidæ, 103. Mylabridæ (= Bruchidæ).

(RHYNCHOPHORA auct.).

Brentoidea:

104. Brentidæ.

Curculionoidea: 105. Belidæ (Ithycerus), 106. Platystomidæ (= Anthribidæ), 107. Curculionidæ.

Scolytoidea:

108. Platypidæ, 109. Scolytidæ.

The family Stylopidæ (of previous lists) is here regarded as an order, Strepsiptera, and is treated in an appendix.

Certain changes were made in this conspectus after Mr. E. A. Schwarz had read the galley proof, whereby the position of Othniidæ and Byturidæ was altered and Trogidæ was raised to family rank. The serial numbering had however, been completed so that it was not practicable to make corresponding changes therein. The position of other families has also been criticized as well as the composition of the Mordelloidea and Tenebrionoidea; such comments by Mr. Schwarz, Dr. Böving and other friends are indicated by? after the name. The conspectus thus shows some of the uncertainties that still remain in the classification of Colcoptera as well as the progress that has been made. has been made.

ADEPHAGA

CARABOIDEA

CICINDELIDÆ

Lec. 57; Schaupp 83; Csy. 97, 09, 14, 16; Leng 02; W. Horn 08, 10, 15; Harris 11; Schffr. 18.

MEGACEPHALINI—OMINA

		MEGACEPHALI	NI—	-Omina	
Ambl	ycheila Say 23–139		Om	us Esch.	
	Chaleposomus Chd. 60-337)			****	
	Amblychila‡ auct.)		19.	intermedius Leng 02–100	Mari.Co. Cal.
	ylindriformis Say 23–139	Kan. Col.		blaisdelli Csy. 09–260	Cala.Co. Cal.
	oicolominii Rche. 39–560	Ariz [N.Mex.		cribripennis Csy. 09–261	Eldo Co. Cal.
	baroni Riv. 90–111	Ariz.		parvicollis Csy. 09–260	Tul.Co. Cal.
	enodis Csy. 16–5	Ariz.		procerus Csy. 09–259	Tul.Co. Cal.
	ongipes Csy. 09–253	Ariz.		spissipes Csy. 14–8	Tul.Co. Cal.
	chwarzi W. H. 03–196	Ariz. Utah		ovipennis Csy. 16–14	Tul.Co. Cal.
	picolominii‡ Riv. 93–219	Tiliz. Ctall	٠.	****	Im. Co. Cai.
ŀ	7. COLOMBIANT 1614: 00 210		91		M (0 01
Omus	s Esch. 29–3			lecontei Horn 72–143	Mont.Co. Cal.
(Megomus Csy. 14-1)			elongatus Csy. 97–289	Cal.
	lejeani Rche. 38–299	B.C.Or.Mont.		dunni Csy. 09–258	Cal.
	oveatus Csy. 16–7			regularis Csy. 09–258	Cal.
	obustus Csy. 16–8			maritimus Csy. 09–258	Mont.Co. Cal.
				fuchsi W. H. 03–188	Mont.Co. Cal.
(Omus s. str. Csy. 14-1)			lacertus Csy. 16–15	Mont.Co. Cal.
	*			borealis Csy. 09–256	Or.
	iudouini Rchc. 38–300	B.CNo. Cal.	a.	intermedio-pronotalis W. H.	
a. r	rugipennis Csy. 14–3	No. Cal.	1.	pronotalis Csy. 14–10	[Plum.Co.Cal.
b. t	orevicornis Csy. 16–8	Humb.Co.Cal.	D.		Las. Co. Cal.
c. a	equicornis Csy. 16–9	Jos. Co. Or.		****	
d. d	lelicatulus Csy. 16–9	Or.	25.	sequoiarum Cr. 74–73	Cala.Co. Cal.
	acomæ Csy. 16–9	Wash.		lugubris Csy. 97–289	Cal.
	distans Csy. 16–10	Wash.	b.	sicrracola Csy. 97–289	Cala.Co. Cal.
6. I	parvulus Csy. 14–3	Or.		longitarsis Csy 14–12	Cala.Co. Cal.
	ambiguus Schp. 83-121	Shas.Co. Cal.		fraterculus Csy. 09–263	Plac.Co. Cal.
a. s	solidulus Csy. 14–3	Sisk Co. Cal.	27.	punctifrons Csy. 97–289	Sier. Co. Cal.
	numeralis Csy. 16–10	Humb.Co.Cal.	a.	degener Csy. 09–263	Sier. Co. Cal.
8. ł	numeroplanatus W. H. 13–3	51	b.	confluens Csy. 97–289	Cal.
		Shas.Co. Cal.	28.	laticollis Csy. 16–16	Tuol.Co. Cal.
9. a	angusto-cylindricus W. H. 1	3-348	29.	temperatus Csy. 14–15	Tuol.Co. Cal.
	cylindricus Csy. 14–4	[Las.Co. Cal.	a.	difficilis Csy. 16–17	Mari.Co. Cal.
	shastanicus Csy. 16–11	Shas.Co. Cal.		mariposæ Csy. 16–17	Mari.Co. Cal.
	cephalicus Csy. 16–11	Shas.Co. Cal.		sparsellus Csy. 16–18	Mari.Co. Cal.
	cenuiculus Csy. 16–12	Shas.Co. Cal.		subsericeus Csy. 16–18	Tul. Co. Cal.
11. t	thoracicus Csy. 16–11	Klam.Co. Or.		collaris Csy. 09–265	Mari.Co. Cal.
	**			antennalis Csy. 16–19	Mari.Co. Cal.
12. c	ealifornicus Esch. 29–3	Cal.		trapezicollis Csy. 16–19	Mari.Co. Cal.
ŀ	nornianus W. H. 92–91	Cal.		erraticus Csy. 16–20	Tuol.Co. Cal.
?	? xanti Lec. 59–69	Ft.Tejon, Cal.		horni Lec. 75–157	Mari.Co. Cal.
a v	vermiculatus Csy. 14–5	Cal.		punctatus Csy. 16–23	Tuol.Co. Cal.
	atipennis Csy. 16-13	Cal.		propinquus Csy. 16–21	Mari.Co. Cal.
c. s	sculptilis Csy. 97–289	Cal.		asperatus Csy. 16–22	Tuol.Co. Cal.
	pacipennis Csy. 16–13	Cal.		sinuosus Csy. 16–23	Mari.Co. Cal.
13. r	nimus Csy. 09–256	Cal.		granosus Csy. 16–22	Mari.Co. Cal.
a. s	semilucens Csy. 16–12	Cal.		compositus Csy. 09–265	Mari.Co. Cal.
b. d	liminuens Csy. 16–13	Cal.		farctus Csy. 16–23	Mari.Co. Cal.
14. c	oregonensis Csy. 14–15	Jos.Co. Or.		brevis Csy. 16–21	Tuol.Co. Cal.
r	nimus ‡ W. H. 10–293		33.	marginalis Csy. 16-24	Tuol.Co. Cal.
15. c	cupreonitens B. & R. 17-49	Humb.Co.Cal.		*****	
	vandykei‡auct. nec W. H.		34.	lævis Horn 66–394	Tul.Co. Cal.
16. v	vandykei W. H. 03–185	Or.	a.	peropacus Csy. 16–25	Tul.Co. Cal.
	***			tularensis Csy. 09–265	Fres.Co. Cal
17. c	edwardsi Cr. 74–73	Plac.Co. Cal.		gracilior Csy. 09→266	Tul.Co. Cal.
	obatus Csy. 09–261	Plac.Co. Cal.		opacellus Csy. 14–16	Tul.Co. Cal.
	ucidicollis Csy. 09–262	Plac.Co. Cal.	c.	remissus Csy. 16–25	Tul.Co. Cal.
	nontanus Csy. 97–289	Plac.Co. Cal.		(Leptomus Csy. 14-1)	
	orunnescens Čsy. 09–262	Plac.Co. Cal.	36.	submetallicus Horn 68–129	Cal. Or. ?

Tetracha Hope 38-6

MEGACEPHALINI — (MEGACEPHALINA)

Tetracha Hope 38-6		Tetracha Hope	
37. carolina (L.) 66–657	Va. Fla. Tex.	b. floridana Leng 16–688	So.Fla.
carolinensis (Latr.) 06–175		38. virginica (L.) 66–657	L.S.Fla.Colo.
a. mexicana (Gray) 32–263	N.Mex. Cal.	virginata (L.) 88–1922	Tex. [Ind.
		, ,	· ·
	C.		
	Cicind	PELINI	
Cicindela L. 58–407 ¹		Cicindela L.	
I.		46. cimarrona Lec. 68–49	N.Mex.Colo.
39. formosa Say 17–19	TexIa. Id.	ardelio Csy. 13–21	N.Mex.
luxuriosa Čsy. 13–24	Colo.	47. decemnotata Say. 17–19	Alas.Wy.Alb.
a. manitoba Leng. 02–137	Man.	albertina Csy. 13-24	Alb.
b. generosa Dcj. 31–231	McW.VaIa.	a. lantzi E. D. H. 13-68	Colo.
·	[lnd.	200 200 200 200	[N.Y.Ind.
latecincta Lec. i. litt.	O.Kan.Ncb.	48. ancocisconensis Harr. 52-1	N.H.W.Va.III.
40. lengi W. H. 08–738	DakN.Mcx.	catherina Harr. i. litt.	
venusta Lec. 48–179		dowiana Csy. 14–23	N.Y.
versuta Čsy. 13–24	Man. Alb.	carolinæ Csy. 16–28	N.C.
gracilenta Csy. 13–25	Mont.	ericnsis Csy. 16–29	N.Y.
41. limbata Say 23–141	Man.Neb.Col.	49. duodecimguttata Dej. 25-	
limbigera G. & H. 68–20		8 = 1 , 10	Mich. Tex.
a. nympha Csy. 13–20	Man. Sask.	hudsonica Csy. 16–29	H.B.T. [Ind.
b. hyperborea Lec. 63-1	H.B.T.	proteus Kby. 37–9	H.B.T.
	N.E.U.S.Can.	bucolica Csy. 13–28	Man.
49 numburas Olive 00 14	Ind. B.C. Que.	sterope Csy. 13–28	Kan.
42. purpurea Oliv. 90–14	N.Eng. N.Y.	50. repanda Dej. 25-74	Que.Sask.Ga.
marginalis Fab. 01–240 / ramosa Melsh. i. litt.	N.J.Pa.Md.	· [· · · · · · · · · · · · · · · · · ·	N.Mex.Or.
	Va.Ill.Wis.		Mich.
superba Dahl i. litt.	N.C.Ky.Ten.	hirticollis Gould 34–49	Ind.
	Kan.Dak.Mch.	baltimorensis Lec. 57–43	
spreta Lec. 57–37	N. Y.	a. unijuncta Csy. 97–299	El Paso, Tex.
	[N.Mex.Colo.	51. hirticollis Say 17–20	Que.Sask.Fla.
a. auduboni Lec. 45–207	Sask.IllAlb.		Tex.Mich.
	[Or.Alb.Ut.	interpunctata Melsh. i. litt	
b. graminea Schp.83-89 ex part	e Colo.Kan.	albohirta Dej. 26–425	
auguralis Csy. 13-21	Colo.	dejeani Lec. i. litt.	
c. pugetana Csy. 14–20	B.C.	humeralis Lec. i. litt.	
limbalis‡ Lec. 56		unita Kollar 36–330	
inducta Csy. 13–22	Colo.	hydropica Dup. i. litt.	
d. nigerrima Leng. 18–139	Alb.Kan.Ill.	a. ponderosa Thoms. 59. 89	Mex.(U.S?)
auduboni Lec. 57–37		b. rhodensis Calder 16–93	R.I.Mass.L.I.
43. lauta Csy. 97–296	WashCal.	nigrita Dav. 03–273	
franciscana Csy. 13–23	Cal.	c. abrupta Csy. 13–31	Cal.
a. mirabilis Csy. 14–358	Cal.	d. gravida Lec. 51–170	Cal.
graminea Schp. 83–89 ex pa		e. shermani Csy. 16–30	Mich.
44. splendida Hentz 30–254	N.Y.N.C.Col.	52. latesignata Lec. 51–172	So. Cal.
discus Klug 34–23	Kan.Neb.La.	a. obliviosa Csy. 13–7	So. Cal.
a. transversa Leng 02–131	Me.N.J.Ga.	tenuicincta ‡ Blaisd. 92–47	So. Cal.
	[Kan.	53. tranquebarica Hbst. 06–178	8 Que.Wis.S.C.
b. denverensis Csy. 97–297	Colo.Kan.Neb.		Kan.
	[Dak.	vulgaris Say 18–409	Ind. Mich.
graminea‡ Csy. 13–21		obliquata Dej. 25–72	
conquisita Csy. 14–357	Neb.	turbulenta Csy. 13–25	Miss.
oreada Csy. 14–358	Ncb.	wichitana Csy. 14–21	Kan.
c. ludoviciana Leng. 02–131	La.	a. lassenica Csy. 14–22	Cal.
- 11 1 1 22	[N.Mex.O.	b. minor Leng 10–80	N.C. La.
45. limbalis Klug. 34–29	Nfld.Alb.Sask.	vulgaris-minor E.D.H. 11-	
a. amoéna Lec. 48–177	Kan.Neb.	crinifrons Csy. 13–9	N.C.
splendida‡ Lec.‡ 57–36		c. horiconensis Leng 02–145	Nfld. N.Y.
awemeana Csy. 13–23	Man.	d. borealis E.D.H. 11–19	B.C. Wash.
eldorensis Csy. 13–23	Colo.	c. kirbyi Lcc. 66–362	WisB.C.
b. spreta Lec. 48–177	Me.	obliquata Kby. 37–10	[N.Mex.

¹ This list follows that of Dr. Walther Horn in Gen. Ins. fasc. 82C, 1915, in which the names are arranged in four grades. The first and second of these are here marked species, the third as varieties. Those of the fourth grade are unnumbered, but are not to be understood as synonyms, since each usually indicates some difference that (to its author) appeared to require a name. The compiler has prepared a statement for publication explaining the reasons for certain changes that have been made. Names proposed since 1915 are interpolated, as nearly as possible, in harmony with Dr. Horn's system.

N.Mex.

N.Mex.

B.C.Wash.Or.

Cal.

Nev.

So. Cal.

So. Cal.

So. Cal.

Or. (Nev?)

Alas.Nfld. Cal.N.Mex.

Wash.N.S.

Wis. Mich.

Id. Wy. Ut. Man. Sask.

Mont.Alb.

Neb. Wy.

Mont. Alb.

Wash. Ariz.

Colo.B.C.Nev.

Colo.(N.Mex.

No.Cal.Or.

Wash.Nev.

Cal.Or.Alas.

Mont.Ut.Id.

Colo.N.Mex.

Cal. Wash.

Wy. Ut. Nev.

So. Cal.

Col. Man. Wy.

Colo.Kan.Tex.

Ariz. [N.Mex.

Wy.Ark.Okla.

Ind.Ont.-Neb.

Mass. N.C.

[Kan.

N.Mex.Neb.

Kan. S.W.Utah

Ariz.

Man.

[B.C.

[Ut.?)

Nfld.

Alb.

Alb.

Man.

Cal.

B.C.

Cal.

Nev.

Nev.

Colo.

Ariz.

Cal.

Cal.

Cal.

Cal.

Can.Me.N.H. N.Y.Ill.

Dak. Colo. Ut.

Nev.

Ut.

Or.

Cicindela L

- f. admiscens Csy. 13-8 ?diffracta Csy. 09–273
- 54. sierra Leng 02-144
- 55. vibex Horn 66–395 roguensis E.D.H. 01-226 parallelonota Csy. 14-21
- a. viridissima Fall 10-89
- b. inyo Fall 17–106c. owena Fall 17–106
- d. moapana Csy. 14–22 56. plutonica Csy. 97–296
- 57. tenuicineta Schp. 83-122
- 58. bellissima Long 02–116 hyperborea ‡ Horn 66–397 59. longilabris Say 24–268
- albilabris Kby. 37-12
- a. novaterræ Lcng 18-140 b. montana Lec. 61–338
- canadensis Csy. 13–17 c. nebraskana Csy. 09–268
- calgaryana Csy. 14–18 d. vestalia Leng 02-121
- e. spissitarsis Csy. 13–18
- f. oslari Leng 02-121
- g. laurenti Schp. 83–87
- h. perviridis Schp. 83–87 ostenta Csy. 13-17
- placerensis Csy. 13–18 60. eureka Fall 01–307
- 61. oregona Lec. 57-41
- senilis ‡ Csy. 97–297 sonoma Csy. 13-29 quadripennis Csy. 13–30 ovalipennis Csy. 13–30 a. guttifera Lec. 57–42
- audax Csy. 13-29
- b. maricopa Leng 02-147
- 62. depressula Csy. 97–297 a. scapularis Csy. 09–272 63. senilis Horn 66–395
- exoleta Csy. 09-272
- 64. willistoni Lec. 79-507
- a. echo Csy. 97-298 amadcensis Csy. 09–272 b. pseudoscnilis W. H. 00–217
- 65. fulgida Say 23–141
- a. parowana Wickh. 05–165
- 66. pulchra Say 23–142
- 67. pimeriana Lec. 66-363 viatica | Lec. 57–62 cochisensis Csy. 09–274 68. scutellaris Say 23–140 a. lecontei Hald. 53–361

- b. criddlei Csy. 13-6 c. rugifrons Dej. 25-51

- Cicindela L
 - denticulata Harr. i. litt. oberleitneri Gistl. 37–55 varians Harr. i. litt. mutans Harr. i. litt. variata Harr. i. litt.
 - d. carolina E. D. H. 11-28
 - e. unicolor Dej. 25-52
 - f. nigrior Schp. 83-87 g. modesta Dej. 25-52
 - obscura || Say 17-418

- 69. sexguttata Fab. 75-226 guttata Emmons 54. 35 thalassima Dej. i. litt. varians Ljungh 99-147 quadriguttata Dav. 03–271
 - a. levettei Csy. 09–270 tridens Csy. 09–271
 - b. violacea Fab. 01-232
 - c. harrisi Leng 02-128
- 70. patruela Dej. 25-62
- montana Hentz i. litt. a. consentanea Dej. 25-63

- 71. nigrocœrulea Lec. 48–181
 - robusta Leng 02–124 feminalis Csy. 09-269 triplicans Csy. 09–270 velutoidea Csy. 09–270
- a. snowi Csy. 09–269b. bowditchi Leng 02–124
- 72. horni Schp. 83–80 anthracina || Horn 80–139
- a. ritteri Bates 90–496
- 73. obsoleta Say 23-143
- a. vulturina Lec. 53-439 b. prasina Lec. 57–31
- c. santaclaræ Bates 90–493
- d. anita Dow 11-271
- e. juvenilis W. H. 97-169
- 74. punctulata Oliv. 90-27 micans Fab. 98-61 obscura Melsh. 06–46 jenisoni Gistl. 37–55 boulderensis Csy. 09–271 prolixa Csy. 16-33 fontinaria Csy. 16-33
- a. chihuahuæ Bates 90–500 micans ‡ Say 18-426
- 75. tenuisignata Lec. 51-171
- psilogramma Bates 90–507
- 76. severa Laf. 41–41
- 77. striga Lec. 75–160
- 78. lemniscata Lec. 54–220 obscura Hoege i. litt.
- 79. abdominalis Fab. 01. 237

- Va.-Fla. N.C.-Fla.-Tex. Ala. Ga. Fla. R.I.-N.C.
- Nfld.-N.Mex. [Ind.
- Quc.-Tex. Ia. La. Kan. Neb. Neb. Kan. Can.Me.-N.C. Ga. R.I.N.Y.Ga.
- L.I.N.Y.N.J. Pa.

Mich.Ind.

- Colo. Tex. Ariz.N.Mex. Tex. Colo. Colo. (Colo.?) Àriz.
- Colo. Ariz. Tex.
- Ariz.Tex.Mex. N.Mex. Tex. Colo. Kan. Tex. Kan. Tex. N.Mex.
- N.Mex. Ariz. Kan.
- N.Mex. Colo. Kan.
- So.Ariz.Mex. Me.-Ariz.
- Can.Wis.Fla. Ind. Mich.
- Colo. Colo. N.Mex. (?Kan.) Ariz. [Mex.N.Mex. Ariz. So.Cal. Tex. Mex. Mcx.
- Ala. La. Tex. Fla. N.Mex. Fla.
- Tex.-So.Cal. Mex.
- L.I. N.Y. Fla. [La.

I		Cirir dala I	
Cicindela L.	? N.J.	Cicindela L.	C-1
faceta Csy. 13–38 ventralis Newn. 38–414	Fla.	d. tuolumnæ Leng 02–157 tularensis Csy. 14, 19	Cal. Cal.
a. scabrosa Schp. 83–84	Fla.	95. schauppi Horn 76–240	Tex. Okla.
extenuata Csy. 13–38	Fla.	96. circumpicta Laf. 41–39	Neb. Tex.
80. politula Lec. 75–159	Tex. Mex.	collaris Laf. 41–95	[Ariz.Colo.
cribrum Csy. 13–39	Tex.	johnsoni Fitch 56–487	[23112.0010.
81. rufiventris Dej. 25–102	Miss. Tex.N.J.	a. ambiens Csy. 13–33	Kan.
or run onor so of to to	Ala.N.C.Ky.	inspiciens Csy. 13–33	Tex.
	Ga.Ind.Pa.	97. californica Men. 44-52	So.Cal. Mex.
	Md.Va.W.Va.	a. prætextata Lec. 54–220	Tex.Ut.Ariz.
	Ala.	fulgoris Csy. 13–34	Tex.
collusor Csy. 13–39		stringens Csy. 13–34	Tex.
a. cumatilis Lec. 51–173	Ala. Tex. La.	IX	
guexiana Chev. 52–419	[Ky.	98. trifasciata Fab. 81. 286	W.I.
b. hentzi Dej. 31–248	Mass. (Pa.	a. tortuosa Lec. 51–172	N.C. Fla. Tex.
hæmorrhoidalis Harr. 28	-91 [Csy.)	ascendens Lec. 51–172	[Mex.
erythrogaster Harr. i. litt.	20 Tr A-i-	serpens Lec. 51–173	[
82. sedecimpunctata Klug 34-	32 Tex. Ariz. Mov. (N. Mov.	sigmoidea ‡ Chd. 54–113	
rubriventris Chev. 35–101 ventanasa Bates 90–503	Mex. [N.Mex. Mex.	b. sigmoidea Lec. 51–172	So.Cal.
sonorana Csy. 13–40	Ariz. N.Mex.	Х.	
83. flavopunctata Chev. 34–28		99. gabbi Horn 66. 395	So.Cal.
35. havopunctata Onev. 94 20	U.S.)		Do.Cai.
a. rectilatera Chd. 43–693	Tex. Mex.	XI.	
decostigma Lec. 57–54	2011 2:2011	100. chlorocephala Chev. 34–32	
texana Lec. i. litt.		a. smythi E. D. H. 13–67	Tex.
84. marginipennis Dej. 31-260	N.Y. Pa. O.	XII.	
85. rosciventris Chev. 34–29	Mex. (not	(Habroscelimorpha Dokht.	83-69)
a. tascosaensis Davis 18–34	Tex. [U.S.)	101. dorsalis Say 17–20	Mass. R.I.
86. carthagena Dej. 31. 229	Mex. L.Cal.	signata Dej. 25–124	[N.Y. N.J.
a. hentziana_Leng 18-139		munifica Csy. 13–31	R.I.
hentzi ‡ Horn 94–307	L.Cal. Ut.	semipicta Csy. 97–299	N.J.
b. ?woodgatei Csy. 13–40	N.Mex.	a. media Lec. 57–47	Del. Fla.
c. hæmorrhagica Lec. 51–171		b. castissima Bates 84–260	AlaTex.
1 1 1	Wy. Or.	c. saulcyi Guér. 40–37	Tex. Fla.
d. bisignata Dokh. 83–12	So.Cal. Ut.	apricoidea Csy. 13–32	La. Miss.
e. pacifica Schp. 83–84	So.Cal. Nev. Ariz.	d. venusta Laf. 41–37	Tex. Ga. Miss.
f. arizonæ Wickh. 99–226 87. sommeri Mann. 37–7	Mex.(S.Cal.?)	saulcyi ‡ Schp. 83–99 XIV.	[Ala.
höpfneri Dej. i. litt.	111CA.(D.Cai)	102. pamphila Lec. 73–321	Tex. La.
fusconigra Höpf. i. litt.			TOA. Da.
ruricola Gistl. 37–28	•	XV	
ferrugata Putz. 45–366		(Ellipsoptera Dokh. 83–70)	
VII.		103. hamata Aud.&Br. 39–132	Mex. (U.S.?)
88. arizonensis Bates 84–260	Mex. Ariz.	cristofori Chev. 41–15	
viridisticta ‡ Schp. 83–103	202020 221120	reichei Chd. 43–689 apicalis Chd. 43–691	
89. wickhami W. H. 03–182	Ariz.	a. lacerata Chd. 54–115	FlaTex.
lemnisticta Smyth 08–188		hamata ‡ Horn 76–236	1 1a1 Cx.
VIII		104. marginata Fab. 75–226	MeFla. W.I.
90. debilis Bates 90–509	Mex. (U.S.?)	variegata Dej. 25–84	2.201 2 101 1111
a. segnis E. D. H. 13–69	Ariz.	105. blanda Dej. 31–238	Miss. Ala. Ga.
91. celeripes Lec. 48–183	Ill. Okla. Ia.	tarsalis Lec. 52–66	[N.C.
•	Neb. Kan.	106. wapleri Lec. 75–158	La. Miss. Ala.
92. cursitans Lec. 57–60	Ill. La. Ia.	107. nevadica Lec. 75–159	Nev.
	Neb. Ala.	a. knausi Leng 02–166	Neb. Kan. Tex.
93. unipunctata Fab. 75–225	N.Y. Ga. Mo.	11 1 G 40 03	Colo.N.Mex.
obsoleta Dej. i. litt.	Ky. Ind.	lincolniana Csy. 16–32	Neb.
94. pusilla Say 17–21	Sask. B.C.	108. cuprascens Lec. 52–65	Ind. DakArk.
	Cal. Kan.	amnicola Car. 12 27	Ky. III Mo
terricola Say 24–269	Neb. Tex.	amnicola Csy. 13–37 mundula Csy. 13–37	Ky. Ill. Mo.
sayanclla Csy. 14–19	Neb.	a. macra Lec. 57–50	Miss. Ind. Ill. Minn.
a. imperfecta Lec. 51–171	Or. Wash.Tex.	mercurialis Csy. 13–36	Ia. [La.
in imperioda Dec. 01 141	Cal.Ut.Nev.	topekana Csy. 16–31	Kan.
b. cinctipennis Lec. 48–182	Sask.Mont.	b. puritana Horn 71–325	N.H. Mass.
	N.Mex.Cal.	1	Conn. Md.
c. cyanella Lec. 57–46	Dak.Kan.Cal.	109. sperata Lec. 57–50	TexSo.Cal.
d. lunalonga Schp. 83–122	Cal.	a. marutha Dow 11–272	N.Mex. [Mex.

Cicindela L.		Cicindela L.	
b. rubicunda E. D. H. 11-55	N.Mex.	112. gratiosa Guér. 40–37	N.C. Fla. Ala.
c. inquisitor Csy. 97–298	Tex.	a. hirtilabris Lec. 75–161	Fla.
110. lepida Dej. 31–255	N.J. Ill. Ind.	XVI.	
	N.Y. N.Mex.	(Dromochorus Guér. 45-1)	
	Man. Ia. Kan.	113. pilatei Guér. 45–96	La. Tex.
· insomnis Csy. 13–35	Kan.	maga Lec. 75–161	
111. togata Laf. 41–40	Tex. Ala.	114. belfragei Sallé 77–7	Kan. Tex.
a. fascinans Csy. 14–23	N.Mex.	pilatei ‡ Lec. 75–161	
b. globicollis Csy. 13–35	Kan. Neb.	sericea Csy. 97–294	
apicalis W. H. 97–17	[Colo. Ut.	pruinina Čsy. 97–294	

CARABIDÆ

Horn 81

CARABINÆ

TRACHYPACHINI

Trachypachus Mots. 45–86 (*Trachypachys* G. & H. 68) 115. inermis Mots. 45–16 holmbergi Mann. 53–119

Or. Cal. Wash. Alas. B.C. Id. Mont. Nev. Colo. Trachypachus Mots. 116. gibbsi Lec. 61–339

Or. Id. Cal.

Cychrini

Horn 78: Roeschke 07: Casev 97, 14: Schwarz 95

	norn 78	s; Roeschke Ui;	Casey 97, 14; Schwarz 95	
Scapl	ninotus Dej. 26–17		Scaphinotus Dej.	
_	(Scaphinotus Dej. s. str.)		c. violaceus Lec. 63–4	Ga.
117.	snowi Lec. 81-74	N.Mex.	130. germari Chaud. 61–495	PaInd.
	roeschkei Van Dyke 07-135	Ariz.	131. guyoti Lec. 66–363	N.C.
a.	fuchsi Roeschke 07–570	Ariz.	angelli Beut. 18–89	N.C.
119.	vandykei Roeschke 07-136	Ariz.	132. ridingsi Bland 63–353	Va. D.C.
120.	corvus Fall 10–89	Ariz.	a. monongahelæ Leng 17-36	PaTenn.
121.	petersi Roeschke 07–137	Ariz.		
	mexicanus Bates 82–320	Ariz.	Nomaretus Lec. 53–399	
123.	biedermani Roeschke 07-57	71	133. cavicollis Lec. 59–3	MoTex.
		Ariz.	134. bilobus (Say) 25–73	N.Y. Mo
	kelloggi Dury 12–104	N.Mex.	0	Minn. L.Sup.
	elevatus (Fab.) 87–198	CtFla.	135. fissicollis Lec. 53–399	IllTex.
a.	tenebricosus Roeschke 07–1		Wannamatan C 14 90	•
		N.JS.C.	Maronetus Csy. 14–30	D. N.C
	tenebrosus ‡ auct.		136. imperfectus (Horn) 60–569	
	unicolor Lec. (nec Fab.) 53		a. tenuis Csy. 14–31	N.C.
	heros Lec. (nec Harris) 48-4		137. hubbardi (Sz.) 95–272	N.C. Va.
b.	flammeus Hald. 44–54	Ind. OMo.	138. incompletus (Sz.) 95–271	va. Ga.
	dilatatus Lec. 53–398	721	139. debilis (Lec.) 53–399 a. alpinus (Beut.) 03–512	N.C.
	floridanus Leng 15–564	Fla.	140. schwarzi (Beut.) 13–139	N.C.
	coloradensisVan Dyke 07-14		140. Schwarzi (Deut.) 13–139	IV.C.
	unicolor (Fab.) 87–198	Ala. So. St.	Pseudonomaretus Roeschke 07-	-154
	heros Harr. 39–196	O. Ind.	141. merkeli (Horn) 90–71	Id.
b.	shoemakeri Leng 14–143	D.C.		Id.
	(Irichroa Newn. 38–385)		142. relictus (Horn) 81–188	Id. Wash.
128.	viduus (Dej.) 26–12	Atl. St.	a. regularis (Lec.) 85–2	Id. Wash.
	unicolor (Knoch) 01–187		8 (- / :	
a.	irregularis Beut. 03-513	N.C.	Pemphus Mots. 65–312	
	leonardi Harr. 39–193	N.H.	143. angusticollis (Mann.) 24–46	Asia AlasOr.
	andrewsi Harr. 39–195	N.C. Ga.	a. nigripennis Roeschke 07–167	AlasCal.
a.	aeneicollis Beut. 03–513	N.C.	b. longipes Csy. 97–539	No.Cal.
	purpuratus Beut. 18–89	N.C.	c. velutinus (Men.) 44–53	Alas. No.Cal.
b.	tricarinatus Csy. 14–25	N.C.	opacus Csy. 99–97	

Brennus Mots. 65-311		Brennus Mots.	
144. cordatus (Lec.) 53–399	Cal.	b. ovalis (Mots.) 59–162	Cal.
145. marginatus (Fisch.) 22–79	AlasOr.	152. subtilis (Schaum) 63–72	So.Cal. Cal.
a. insularis Csy. 97–334	B.C.	153. punctatus (Lec.) 59–69	So.Cal. Cal.
b. cupripennis Csy. 97–334	Wash.	gravidus Csy. 97–317	Cal.
c. fallax Roeschke 07–174	OrId.	a. catenulatus Csy. 97–324	Cal.
d. confusus Csy. 97–336	Cal.	b. mimus Horn 78–179	So.Cal. Cal.
e. fulleri Horn 78–179	Or.	154. rugiceps Horn 72–143	Or.
?gracilis Géhin 85–76	?	a. incipiens Csy. 97–313	N.Cal.
146. interruptus (Men.) 44–54	Cal.	b. congener Csy. 14–28	Or.
a. compositus Csy. 97–332	Cal.	155. cristatus (Harr.) 39–200	Or. No.Cal.
b. constrictus (Lec.) 53–398	Cal.	a. reticulatus (Mots.) 50–90	Alas. Cal.
corpulentus Csy. 97–331	Cal.	b. basalis Csy. 97–311	Alas. Cal.
c. integer Csy. 14–29	Cal.	c. duplicatus Csy. 97–312	Alas. Cal.
d. dissolutus (Schaum) 63–72		c. duplicatus Csy. 97–312	Alas. Cat.
e. porcatus Csy. 97–328	Cal.		
	Cal.	Neocychrus Roeschke 07-197	
f. politus Csy. 97–330	So.Cal. Cal.	156. angulatus (Harris) 39–200	VancOr.
147. obliquus Lec. 68–61	Cal.	157. behrensi Roeschke 07–199	Cal.
a. convergens Csy. 97–326			
b. opacicollis Csy. 97–327	Cal.	Cychrus Fab. 94-440	
c. sculptipennis Csy. 97–327		158. hemphilli Horn 78–184	Ut. Wy.
148. oreophilus Riv. 90–111	Cal.	a. rickseckeri Lec. 84–2	Mont. Id.
a. hoppingi Roeschke 07–183	Cal.	159. tuberculatus Harr. 39–200	Vanc. Or.
b. riversi Roeschke 07. 183	Cal.	pustulosus Csy. 05–160	vanc. Or.
c. humeralis Csy. 14–30	Cal.	pustulosus Csy. 05 100	
149. ventricosus (Dej.) 31–527	Cal.	# 1 D ' 00 1/	
sinuatus Csy. 97–330	Cal.	Sphaeroderus Dej. 26-14	C C
striatopunctatus (Lec.) 53-		160. canadensis Chd. 61–498	CanGa.
1	Cal.	palpalis Mots. 65–312	AT TT
a. lativentris (Mots.) 50–358	Cal.	a. blanchardi Leng 16–41	N.H.
strictus Csy. 97–322	Cal.	161. stenostomus (Web.) 01–43	PaVa.
b. fuchsianus Riv. 90–71	Cal.	a. indianæ Blatch. 10–42	W.VaInd.
150. crenatus (Mots.) 59–161	Cal.	162. lecontei Dej. 26–14	Ind. Nfld. Can.
symmetricus Csy. 97–319	Cal.		L.Sup.
a. striatus (Lec.) 59–69	So.Cal.	a. niagarensis Lap. 32–390	N.EngWis.
b. gentilis Csy. 97–322	Cal.	b. diffractus Csy. 14–25	N.B.
c. productus Csy. 14–29	Cal.	163. bicarinatus Lec. 53–399	N.CGa.
151. striatopunctatus (Chd.) 44	-4 76	164. nitidicollis Chev. 29–24	Nfld.
	Cal.	a. brevoorti Lec. 48–443	CanN.Eng.
decipiens Csy. 97–316	Cal.		H.B. T. [N.Y.
a. alternatus (Mots.) 59–162	Cal.	b. schaumi Chd. 61–499	Ohio
	Carai	BINI	

Carabini

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Caral	ous L. 67–668		Cara	bus L.	
165.	vietinghovi Adams 12–170	Alas. H.B.T.	g.	canadicus Roeschke 00–70	Can.
	fulgidus Gebl. 25–229	(not Amer.)	$ar{ ext{h}}.$	patulicollis Csy. 13–57	?Colo.
166.	mæander Fisch. 15–103	Sib. [Sib.	170.	sylvosus Say 25–75	Ind. Can. Fla.
	lecontei Gehin 85–26				N.YTex.
a.	lapelayi Castln. 35–89	N.S. Nfld.			L.Sup.
b.	hudsonicus Mots. 65–293	H.B.T. [Mich.	a.	finitimus Hald. 43–373	Tex.
c.	simoni Heyden 79–165	H.B.T.		lherminieri Dej. 26–152	
	excostatus Krz. 80–187	H.B.T.	b.	caseyi Angell 14–75	
	excatenatus Krz. 80–187	H.B.T.		lecontei Csy. 13–57	Tex.
	truncaticollis Esch. 29–22	Sib. Alas.	171.	serratus Say 25–77	Nfld. E.&M.
168.	chamissonis Fisch. 20–88	Alas. [(Cal.?)			St. L.Sup.
	brachyderus Wiedem. 21-1			lineatopunctatus Dej. 26-77	Ind.
$\mathbf{a}.$	groenlandicus Dej. 31–554			canadensis Lec. 53–10	
		Lab. N.H.		ligatus ‡ Kby. 37–18	
		H.B.T.		vegasensis Csy. 13–59	N.Mex.
169.	taedatus Fab. 01–104	Alas.		tatumi Mots. 65–293	H.B.T.
	baccivorus Fisch. 20–87	Alas.	172.	limbatus Say 25–77	E.M.&C.St.
	seriatus Wiedem. 21–109	Alas.		goryi Dej. 31–544	Ind.
	gladiator Mots. 65–285	H.B.T.		californicus Mots. 45–91	Cal.
	bicolor Walker 66–313	Vanc.	173.	vinctus Web. 01–42	Ind. U.S.
	oregonensis Lec. 54–16	Or.		interruptus Say 25–62	
	franciscanus Csy. 13–58	Cal.		ligatus Germ. 24–6	~
	montanicus Csy. 13–58	Id.		carinatus Dej. 26–80	Ga.
f.	agassii Lec. 50–209	L.Sup.	174.	cancellatus Illig. 98–154	Wis.

Carabus L. 175. nemoralis Müll. 76–75	Eur. †N.B		Cal. So.Cal.
— granulatus L. 61–781 — hummeli Fisch. 23–69	N.J. N.Y. †Sib. N.B.? Sib. Alas.?		Cal. So.Cal. Ariz. Colo.
Calosoma Web. 01–20		**	
176. externum Say 23–150	E.M.S.C.St.	204. calidum Fab. 75–237	U.S. L.Sup.
longipenne Dej. 31–568	Tex.		Mo. [Ind. L.Sup.
177. macrum Lec. 53–400 178. protractum Lec. 62–52	Ariz.	expansa Csy. 97–344	Ia.
— splendidum Dej. 31-558	? So. Fla.	laticollis Csy. 97–344	N.Mex.
179. aurocinetum Chd. 50–420	Mex. Tex.		Colo. Pac. St.
180. scrutator Fab. 75–239	Fla. U.S. Cal. (Ariz?) Can.	irregulare Walker 66–342	Vanc.
	L.Sup. Ind.	cælator Csy. 13–61	Id.
181. willcoxi Lcc. 48–446	Atl.&C. St.	indigens Csy. 13–61	Or.
182. sycophanta L. 61–790	†Atl. St. [Ind.	***	T
183. frigidum Kby. 37–19 levettei Csy. 97–344	N.YCan.L. Ind. [Sup.		Pac. St.
184. sayi Dej. 26–198	La. N.YFla.		Or. So.Cal.
virginica Csy. 97–344	Va. [L.Cal?)	b. transversa Csy. 13–64	So.Cal.
armatum Lap. 35–156		208. subæneum Chd. 69–6	Cal.
185. angulatum Chev. 34–44	(?So.Cal.)	Callisthenes Fisch. 22–85	
a. forreri Géhin 85–64	Ariz. [Mex.		Or. Mont.
186. prominens Lec. 53–400	Ariz. So.Cal.	a. laqueatus (Lec.) 60–318	Sask.
angulatum ‡ Lec. 49–199	So.Cal.	b. concinnus Csy. 13–66 210. wilkesi Lec. 49–200	Id. Or.
187. parvicollis Fall 10–90 188. clemens Csy. 14–32	Nev.	210. wirkest Lec. 49–200 211. discors (Lec.) 57–31	Cal.
189. hospes Csy. 13–63	So.Cal.	a. inversus Csy. 13–67	Cal.
190. parviceps Csy. 97–341	Ariz. So.Cal.	212. irregularis (Schfr.) 15–235	Cal.
191. sponsa Csy. 97–340 192. eremicola Fall 10–91	Ut. So.Cal.	213. dietzi (Schfr.) 04–197 a. tularensis Csy. 13–68	Cal.
193. rugosipennis Schfr. 11–113		b. gravidulus Csy. 13–69	Cal.
194. peregrinator Guér. 44–255	TexCal. So.	214. zimmermanni (Lec.)49-445	Or.
a. ingens Csy. 13–62	So.Cal. [Cal.	*	Or.
b. subgracilis Csy. 13–63 c. apacheana Csy. 13–63	? Ariz.	215. striatulus (Lec.) 59–4 216. exaratus Csy. 13–71	Ut. Wy.
d. amplipennis Csy. 13–62	?N.Mex.	a. tegulatus Csy. 13–72	Cal.
195. lugubre Lec. 53–400	Tex. (Ariz.?)	b. viator Csy. 13–72	Cal.
a. marginalis Csy. 97–340 196. carbonatum Lec. 62–53	? Ariz. TexCal. Ariz.	217. pimelioides (Walker)66–312	
197. palmeri Horn 76–199	Guad. Is.	218. pustulosus Csy. 13–73 219. luxatus (Say) 23–149	N.Cal. Ark.
198. triste Lec. 44–201	W.C.St. Ariz.	a. monticola Csy. 13–73	Nev.
	So.Cal.	b. nevadensis Csy. 13–74	Nev.
199. tristoides Fall 10–92 200. obsoletum Say 23–149	So.Cal. C. St.	c. diffractus Csy. 13-74 220. subasperatus(Schfr.)15-235	N.Mex.
luxatum ‡ Dej. 26–96	0.00.	220. subasperatus(Schir.)13–233 221. latipennis (Horn) 70–70	Cal. So.Cal.
indistinctum Say 25–151		a. arcuatus (Csy.) 97–343	Ariz.
a. microsticta Csy. 13–60	N.Mex.	b. opimus Csy. 13–69	Cal.
	Ет.арн	RINI	

ELAPHRINI

Schaupp 78; Crotch 74; Horn 78

Elaphrus Fab. 01-245		Elaphrus Fab.	
222. clairvillei Kby. 37–63	Alas. Wash.Or.	229. lecontei Cr. 74–246	Ut. Wyom.
	Wyom. L.Sup.	intermedius ‡ Lec. 48–448	·
politus Lec. 50–209	L.Sup. [Me.	230. riparius L. 61–749	Cal. Alas. Eur
223. lævigatus Lec. 49–200	Cal.	intermedius Kby. 37-62	Can. [L.Sup.
224. caseyi Leng 18–203	Cal.	?lapponicus Gyll. 10–8	Eur. Arc. Am.
politus Csy. 97–345		californicus Mann. 43–190	Cal.
225. olivaceus Lec. 63–1	N.Y. L.Sup.	gratiosus Mann. 53-118	Alas.
226. cicatricosus Lec. 49–448	Can. Ind. Me.	similis Lec. 48–349	
227. obliteratus Mann. 53–117	Alas. [N.J.	punctatissimus Lec. 50–210	L.Sup.
obscurior Kby. 37–63	Lab. Can.	sinuatus Lec. 50–210	L.Sup.
228. fuliginosus Say 34–414	Wis. Ncb. L.I.	231. viridis Horn 78–52	Cal.
clairvillei ‡ Lec. 50–210	[L.Sup. Ind.	232. pallipes Horn 78–51	Or. B.C.

† Introduced.

Elaphrus Fab. a. purpurans Hausen 91–251 233. ruscarius Say 34–417 americanus Dej. 31–558 Diachila Mots. 64–195 234. arctica (Gyll.) 08–96 235. subpolaris Lec. 63–2 americana Mots. 64–195	B.C. Nfld. E.M.& W.St. L.Sup. [Ind. Eur.&Bor. Am. H.B.T. H.B.T.	Blethisa Bon. 09-? 236. julii Lec. 63-2 237. quadricollis Hald. 45-149 238. multipunctata (L.) 61-805 239. columbica Csy. 09-277 240. oregonensis Lec. 53-401 acutangula (Chd.) 61-524	N.S. Ind.Wis.Ill. L.Sup. N.J. Eur.&N.U.S. Wis. Mich. B.C. Or.
	Lorice	CRINI	
	Horn 78; Re	ousseau 08	
Loricera Latr. 04–273 (Lorocera ‡ auct.) 241. cærulescens (L.) 58–672 pilicornis (Fab.) 75–243 semipunctata Esch. 29–25 neoscotica Lec. 63–3	Nfld. No. Eur. Lab. [&U.S. L.Sup. Alas. N.S.	Loricera Latr. 242. californica Lec. 63-3 243. decempunctata Esch.29-25 244. foveata Lec. 49-180 ? congesta Mann. 43-121	Cal. So.Cal. Alas. Cal. Alas.
	OPISTH	IIINI	
Opisthius Kby. 37–60 245. richardsoni Kby. 37–61	Wy. Or. Bor. Am.		
	Notiopi	IILINI	
	Fall (
Notiophilus Dumeril 06–194 246. aeneus Hbst. 06–235 porrectus Say 34–418 247. semistriatus Say 23–81	L.Sup. Can [N.C. Ind. N.Eng N.Mex.	Notiophilus Dumeril 250. simulator Fall 06–86 evanescens Csy. 13–47 251. novemstriatus Lec. 48–450	Mex. Fla.
confusus Lec. 48–449 americanus Harr. 69–213 sibiricus Cr. 76–247 nec M punctatus Schaupp 78–30 n 248. aquaticus (L.) 61–752 punctatus Lec. 50–210 hardyi Putz. 66–165 249. borealis Harr. 69–213		quadrifoveatusHarr.69–213 semistriatus ‡ auct. 252. nemoralis Fall 06–88 253. sylvaticus Esch. 29–24 254. obscurus Fall 01–207 255. nitens Lec. 57–01 256. semiopacus Esch. 29–25	Me. N.H. Vt. AlasCal. So.Cal. Or. Or. Cal. Ariz. So.Cal.
	Nebriini		
Horn 70	; Leconte 78; Sch	naupp 78; Casey 1913	
Leistus Fröhlich 94–9 257. ferruginosus Mann. 43–187 ferrugineus Dej. 31–569 258. nigropiceus Csy. 13–45 ?piceus Fröh. ‡ 94–9		Nebria Latr. 269. trifaria Lec. 78–478 270. rathvoni Lec. 53–400 271. catenata Csy. 13–49 272. mobilis Csy. 13–50 273. cuneata Csy. 13–50	Ut. Cal. Colo. Colo. Alas.
Pelophila Dej. 26–262 259. eschscholtzi Mann. 29–40 260. rudis Lec. 63–3	Alas. H.B.T. Nfld. Lab. H.B.T.		AlasCal. Alas. Lab. Alas.
261. ulkei Horn 70–105 262. shermani Csy. 13–45 —— californica Mots. 43–93	Lab. H.B.T. Lab. Cal.	bifaria Mann. 53–128 a. castanipes Kby. 37–20	Nfld. Or. N.H. Eur.& Alas. Can.
Nebria Latr. 06–221. 263. ingens Horn 70–98 264. ovipennis Lec. 78–477 265. kincaidi Sz. 00–525 266. columbiana Csy. 13–48	Cal. Cal. Alas. B.C.	c. parvula Sahlb. 87–47 d. violacea Mots. 46–73 277. gebleri Dej. 31–573 278. viridis Horn 70–101 279. eschscholtzi Men. 44–55	L.Sup. Sib. Or. Alas. Alas. B.C. Alas. Alas. Wash. So.Cal. Or. Cal. Alas.
267. gregaria Fisch. 21–72 268. purpurata Lec. 78–477	Alas. Colo.		Or. Cal. Or.

Nebria Latr. 282. arkansana Csy. 13-52	Ind. Ark.	Nebria Latr. 292. pallipes Say 25–78	L.Sup. N.E. Am. Ind.
*** 283. obliqua Lec. 66–363 longula Lec. 78–478	Colo.	293. carbonaria Esch. 29–24 294. nivalis Payk. 00–119 ?gyllenhali Schon. 06–196	Eur.& Alas. Greenland,Sib. No.Eur.
284. obtusa Lec. 78–478 285. suturalis Lec. 50–209	Ut. Wy. Nfld. L.Sup.	a. balbii Bon. 09–65	Alps. Green-land
286. hudsonica Lec. 63–3 287. incerta Csy. 13–53 288. testaceipes Csy. 13–54	H.B.T. [N.H. Colo. B.C.	295. lacustris Csy. 13–56 296. expansa Csy. 13–56 ******	Minn. Wis. Tex. Ind.
289. texana Csy. 13–54 ****	Tex.	297. diversa Lec. 63–2	Or.
290. vircscens Horn 70-100 291. brevis Csy. 13-55	Wash. Vanc. Or.	livida Lec. 59–8 298. frigida Sahlb. 44–11 — elias Mots. 65–276	Siberia, Alas. Alas.
****		mollis Mots. 65–274	Alas.
	Мет	RIINI	
Metrius Esch. 29–8	Or. Wash. Cal.	Metrius Esch.	
299. contractus Esch. 29–8	So.Cal.	300. sericeus Riv. 00–389	Cal.
		GNATHINI	
•	Schaupp 79	9; Casey 13	
Promecognathus Chd. 46–524	C- C-1	Promecognathus Chd.	C 1
301. lævissimus Dej. 29–11 a. crassus Lec. 68–62	So.Cal. Cal. Or.	c. contractus Csy. 13–93 d. corpulentus Csy. 13–94	Cal. Cal.
b. debilis Csy. 97–346	Cal.	e. grandiceps Csy. 13–94	Cal.
	Scar	TOTAL	
Leconte 48, 74: Case		Schaeffer 13; Putzeys 46–67; Fall	01
Pasimachus Bon. 13–476	y 10, Long 10, k	Pasimachus Bon.	. 01
302. sublevis Beauv. 05–107	N.YFla. Ill.	acomanus Csy. 13–87	N.Mex.
rugosus Lec. 48–149	N.J. [Ind.	corpulentus Lec. 58–15	Tex.
a. substriatus Hald. 43–313 b. assimilis Lec. 48–148	L.I. Ga.	obesus Csy. 13–88 314. obsoletus Lcc. 48–148	Ariz. Kan. Colo.
c. brevitarsis Csy. 13–76	Miss.	acuminatus Csy. 13–88	Colo.?
d. oblongus Csy. 13–77	N.C.	vestigialis Csy. 13–89	N.Mex. Tex.
303. strenuus Lec. 74–266 a. robustus Csy. 13–78	Fla. Fla.	atronitens Csy. 13–89 315. viridans Lec. 58–61	Ariz. Ariz.
304. floridanus Čsy. 13–79	Fla.	ambiens Csy. 13–90	Ariz.
305. subsulcatus Say 25–19	Ga. Fla. Ala.	‡ mexicanus Gray 32–274	Mex.
a. subnitens Csy. 13–79 306. opacipennis Csy. 13–80	Fla. Fla.	Scarites Fab. 01-123	
307. marginatus Fab. 75-94	S.C. Fla. La.	316. subterraneus Fab. 87–206	So.Cal. U.S.
a. crassus Csy. 13–81 308. depressus Fab. 75–94	N.C. [Tex. N.YFla.	beckwithi Steph. 28–37 fossor De G. 52–350	[Fla. La. Ind.
complanatus Gmel. 88–199	93	?interruptus Herbst 82–13	3
lævis Lec. 48–146	N.J.	denticollis Chd. 43–729	Cal.
limbatus Zimm. 74–271 carolinensis Csy. 13–82	N.C. , N.C.	patruelis Lec. 45–207 vicinus Chd. 43–728	Cal. La.
champlaini Csy. 13–82	Pa.	affinis Lcc. 45–207	La.
a. morio Lec. 48–145 309. punctulatus Hald. 43–299	S.C. AlaIllInd.	a. californicus Lec. 49–198	Tex. Ariz. So.Cal.(Fla.?)
sinuatus Csy. 13–83	Mo.	texanus Chd. 79–94	So.Cai.(Fia.!)
310. clongatus Lec. 48–147	Mo. Ind.	317. substriatus Hald. 44–54	Tex. Fla. La.
311. pimalis Csy. 13–84 angustulus Csy. 13–84	Ariz. Neb.	?quadriceps Chd. 43–729 a. lissopterus Chd. 79–93	[Ind.
evanescens Csy. 13–84	Colo.?	318. alternans Chd. 43–729	(Fla.?) W.I.
vegasensis Csy. 13–85 vernicatus Csy. 13–85	N.Mex. Kan.	Dyschirius Bon. 13-483	
312. duplicatus Lec. 53–395	Tex. Okla.	(Akephorus Lec. 51–194)	
a. costifer Lec. 54–79	Tex. Ariz.	319. tridentatus Lec. 49–195	So. Cal. Ariz.
313. californicus Chd. 50–437 transversus Csy. 13–86	Tex. Ut. Colo. Tex.	convexus Lec. 49–195 quadridens Mots. 59–133	Alas.
validus Lec. 58–14	Ariz.	320. patruelis Lec. 49–196	So.Cal. Or.
ccphalotes Csy. 13–87	Tex.	californicus Mén. i. litt.	

48 Carabidæ

D	1- !! D		G1:-:-	T - 4	
	hirius Bon.	So Col		na Latr.	N V V _v V _{on}
	basalis Lec. 57–77 varidens Fall 10–93	So.Cal. Cal.		impressifrons Lec. 44–50	N.Y.Ky.Kan. Tex. [Ind.
	æneus Dej. 25–423	Eur.&Bor.		texana Lec. 63–4 planicollis Lec. 57–81	S.C. La.
⊍ ≟⊍.	æneus Dej. 25–425	Am.So.Cal.		punctulata Lec. 49–198	Cal. So.Cal.
		Sib.		punctigera Lec. 57–81	S.C. Ind.
	frigidus Mann 53–123	Alas.		rubicunda Lec. 57-81	La.Ga.Ill.Fla.
	integer Lec. 49–196	So.Cal.		pallida Say 25–22	La. [Ind.
324.	nigripes Lec. 58–396	L.Sup. Ind.	000.	rufescens Dej. 31–504	za. įma
	apicalis Lec. 50–204	«	366.	rufa Lec. 57–81	N.J. La. Kan.
	consobrinus Lec. 49–196	Cal.	333.	14.4 200. 01 01	Ill. Fla. Ind.
	gibbipennis Lec. 57–77	So.Cal.	367.	fossor (L.) 61–817	Eur.† Mass.
	lævifasciatus Horn 78–52	Or.		collaris (Hbst.) 86–141	
	dejeani Putz. 46–545			elongata Rand. 38–34	
	punctatus Dej. 31–498			randalli Lec. 57–81	
329.	æneolus Lec. 50–204	Can. Colo.	368.	analis Putz. 46–599	Tex.
		B.C. Mich.	369.	americana Dej. 31–503	Ind. N.Y. Fla.
330.	longulus Lec. 50–204	Man. Mich.		acuducta Hald. 43–299	[Mich.
		Can. Ind.		morula Lec. 57–81	La. Fla.
331.	globulosus Say 25–23	La. Ind. Can	371.	cordata Putz. 46–604	La. Fla. Can.?
	•	Fla. Mich.	0=0	ludoviciana Putz. 67–138	La.
	parvus Lec. 50–204	L.Sup.	372.	striatopunctata Dej.31-505	
	unipunctatus Fall 01–207	So.Cal.	070	picea Putz. 46–621	La.
333.	terminatus Lec. 48–212	N.Y. Kan.		ferrea Lec. 57–81	Ill. Kan. Tex.
004	1 1 11 11 15 101 111	Ariz. Cal. Ind.	374.	convexa Lec. 57–50	La. [Mo. Ariz.
334.	hæmorrhoidalis Dej.31–511		977	?bisignata Putz. 46–620	NY NZ TAL.
ออะ	J!: + T-11 01 000	Ind. O. Fla.	3/3.	bipustulata (Fab.) 01–125	N.YFla.
	duplicatus Fall 01–209	Tex.		andrime culete (Passes) 0	(Ariz.?) Ind.
	affinis Fall 01–209	N.Y. Mass.	276	quadrimaculata (Beauv.) 0	
	analis Lec. 49–196	So.Cal. Ariz. Mich. O.		marginipennis Putz. 46–619 postica Lec. 48–213	La. Kan.
	brevispinus Lec. 78–593 , sphæricollis Say 25–23	La. N.Y.Mich.		stigmula Putz. 46–622	Tex.
ეეშ.	, spiraticoms pay 25–25	Ill. Fla. Ind.		sulcipennis Putz. 46–126	1 cx.
340	edentulus Putz. 46–569	Tex.	015.	suicipeninis 1 utz. 40 120	
	truncatus Lec. 57–78	ColoL.Cal.	Aspid	loglossa Putz. 46–626	
011.	traneatas zee. or re	Ill. Ariz. So.		subangulata (Chd.) 43–738	D.C. La. Fla.
		Cal.		fraterna Putz. 46–632	[Tex. Ind.
342.	erythrocerus Lec. 57–78	Ind. O. Man.		humeralis (Chd.) 43-737	
	Ť	N.Y. Fla.		vicina Putz. 46–632	
343.	marinus (Lec.) 49–105	Cal. So.Cal.			
	obesus Lec. 66–363	Cal.	Schiz	ogenius Putz. 46–649	
	sellatus Lec. 57–78	N.Y. (Fla.?)		crenulatus Lec. 49–197	So.Cal. Ariz.
	pallipennis Say 25–24	N.Y. Fla.		planulatus Lec. 63–5	N.Y.
	salivagans Lec. 75–179	Ut.	383.	lineolatus (Say) 25–22	Tex.Ariz.Ind.
	curvispinus Putz. 46–561	Tex.	004	sulcifrons Putz. 46–652	(D. TO)
	montanus Lec. 79–507	Colo.		sallei Putz. 67–228	Tex. Fla.
	filiformis Lec. 57–78	N.Y. Fla.	385.	ferrugineus Putz. 46–653	N.J. Tex. Fla.
	sublævis Putz. 46–562	Tex. Fla.	206	sulcatus Lec. 48–214	[Ind.
	aratus Lec. 49–196 pumilus Dej. 25–425	Cal. So.Cal.	380.	amphibius (Hald.) 43–299	N.Y. (Ariz.?)
00 2.	pullitus Dej. 25–425	(Ariz.?) N.Y	397	frontalis Lec. 48–215	So.Cal. Ariz.
	falciger Lec. 78–373	Fla. Man. Fla.		depressus Lec. 49–197 litigiosus Fall 01–210	Cal.
	dentiger Lec. 57–79	ria.		pluripunctatus Lec. 48–197	
	rufiventris Lec. 57–79	La.		simplex Lec. 48–197	Cal.
353.	abbreviatus Putz. 46–532	Tex.		seticollis Fall 01–209	So.Cal.
	pilosus Lec. 57–80	La.		validus Fall 01–210	Cal.
	hispidus Lec. 63–4	Man. Tex.			
	setosus Lec. 57–79	N.Y. [Ind.	Ardis	tomis Putz. 46–636	
	transmarinus Mann. 53-122			obliquata Putz. 46–638	S. St. Fla.
			393.	schaumi Lec. 57–80	La. Fla.
	na Latr. 10–156			morio (Dej.) 31–506	Ga. Fla.
358.	dentipes Dej. 25–415	Fla. La. Ga.	395.	viridis (Say) 25–21	N.YTex. Fla.
		Tex. Ariz.		rostrata (Dej.) 25–419	Ind.
	corvina Putz. 46–610	Ind. La. So.	60.	vicina Putz. 46–647	TU 43 (7 10)
	confusa Lec. 49–198	[Cal.	396.	puncticollis (Dej.) 31–508	Fla. Ala. (Ind?)
	fissipes Putz. 46–607	Tex.		oblongula Mots. i. litt.	Ind.
	georgiana Lec. 57–81			tantilla Mots. i. litt.	

[†] Introduced.

CARABIDÆ

49

Ind.

Cal. Ind.

[Mont. Ind.

Vanc.-Nev.

V. (Lionepha Csy. 18–18)

441. crasum Lec. 59–83

HARPALINÆ

HARPALINÆ BISETOSÆ

Panagæiini

Leconte 79 Panagaeus Latr. 04-291 **Micrixys** Lec. 54–220 397. sallei Chd. 61-353 (Eugnathus | Lec. 53–375) Ariz.-Tex. N.Y.-La. Fla. 398. crucigerus Say 25-69 400. distinctus Hald. 52-373 Tex. N.Mex. Ind. N.Y. Ga. Kan. 399. fasciatus Say 25-70 Fla. Ind. Ozænini Pachyteles Perty 30-3 Physea Brullé 34–473 Mex. Tex.? 401. testaceus Horn 68–129 Ariz. 403. hirta Lec. 53-393 402. parca Lec. 84-2 Ariz. Nomini **Nomius** Lap. 35–144 Nomius Lap. (Haplochile Lec. 48-208) So.Eur. græcus Lap. 35–145 404. pygmæus (Dej.) 31-312 Ga.-Cal. L. [Sup. PSYDRINI **Psydrus** Lec. 46–153 405. piceus Lec. 46-154 No.Cal.-L.Sup. Morionini Morion Latr. 10-? Morion Latr. ?georgiæ (Beauv.) 05-107 (Morio ‡ auct.) 406. monilicornis Latr. 06-206 N.C. S.C. Fla. La. L.Cal.W.I. BEMBIDIINI Leconte 48; Chaudoir 68; Hayward 97, 00, 01; Blaisdell 02; Fall 10, 16; Casey 18 Asaphidion Gozis 86–6 (Tachypus || Lacord. 54–381) 407. elongatus (Mots.) 46–16 Alas.? Bembidion Latr. 425. unicum Csy. 18–12 426. confusum Hayw. 97–52 E.&C.St. Ind. nitidulum || Dej. 31-84 Bembidion Latr. 04-22 coxendix ‡Say 34–436 a. æneorubrum Csy. 18–11 (Bembidium ‡ auct.) Ohio b. marquettense Csy. 18-11 Mich. I. (Odontium Lec. 48–451) 427. venator Csy. 18–12 Tex. (Bracteon Bedcl 81–26) 428. snowi Csy. 18-12 Kan. 408. inæquale Say 23-151 N.H.Wis. Fla.? 429 coxendix Say 23–151 Man.-Tex.Ind. Ind.?

arenarium Dej. 31-80 [Ind. 430. vigilans Csy. 18–13 Vanc. Cal. 409. hcsperum Fall 10-95 II. (Ochthedromus Lec. 48–451) hesperium Csy. 18-9 410. binarium Csy. 13-9 431. bifossulatum (Lec.) 52-186 Neb.Ut.-B.C. Cal. 432. americanum Dej. 31–84 433. illini Csy. 18–15 434. sufflatum Csy. 18–15 435. cheyennense Csy. 18–15 N.Eng.-Mo. 411. littorale (Oliv.) 90-6 Eur. Sib. Can. Cal. Ut. L. Sup. L. Sup. Wis. paludosum Sturm 25–179 412. lacustre Lec. 48–451 Iowa. Cal. 413. opaciceps Csy. 18–8 414. levettei Csy. 18–9 415. zephyrum Fall 10–96 Wy. Cal. Colo. 436. regestum Csy. 18–16 Colo.? 437. nuperum Csy. 18–16 No.Cal. Or. Colo.? Nfld.-Vanc. 416. carinula Chd. 68-239 III. (Eudromus Kby. 37-551) impressum ‡ Kby. 37–59 417. lorquini Chd. 68–239 H.B.T. [Ind. (Pogonidium Gangl.) Colo.Cal.B.C. 438. nitidum (Kby.) 37-55 L.Sup. Alas. 418. pugetanum Fall 16-13 Wash. 439. obliquulum Lec. 59–81 419. punctatostriatum Say23-83 Vt. Ark. Wash. obliqulum Csy. 18–17 Pac. Coast sigillare Say 34–437 stigmaticum Dej. 31–83 [Ind. aptum Lec. 59-281 IV. (Hydrium Lec. 48-451) 420. carinatum Lec. 52-186 Ariz. So.Cal. 440. lævigatum Say 23-84 N.H. Fla. 421. sculpturatum Mots. 59-132 Alas. Ariz.

Iowa.

Wy.

Ia. Mich.-Kan.

422. ænulum Hayw. 01–156

424. bowditchi Lec. 78–451

423. robusticolle Hayw. 97-50

Bembidion Latr.		Bem bidion	Latr.	
442. osculans Csy. 18–20	Cal.		?	
443. speculum Csy. 18–20	Cal.	498. compl	lanulum (Mann.)53-	
444. castum Csy. 18–20	Cal.			Alas. Colo.
445. serenum Csy. 18–21	Cal. Cal.	400 nimos	oomiloum Harry 07, 6	Nfld. Ariz.
446. lascivum Csy. 18–21 447. lubricum Csy. 18–21	Cal.		eceruleum Hayw.97–6 ini Hayw. 97–66	Alas. B.C.
448. brumale Csy. 18–22	B.C.		ifoveolatum Mann.	
449. probatum Čsy. 18–22	Colo.			Alas. Wash.
450. vacivum Csy. 18–22	B.C.		um (Mots.) 45–350	Alas. Mich.
451. commotum Csy. 18–23	Cal.		dyptum (Mann.) 53-	
452. seclusum Csy. 18–23	Cal.		(Mots.) 45–25 eyi Fall 10–96	Sib. Alas. Nev. Cal.
(?Plataphus Mots. 64–184)			skense Lec. 63–19	Neb. Cal.
453. blanditum Csy. 18–23	B.C.			
454. saturatum Csy. 18–24	Cal.		I. (Liocosmius Csy.)	
455. laxatum Csy. 18–24	Cal.		um Csy. 18–44	Cal.
456. ampliatum Csy. 18–24 457. lividulum Csy. 18–25	Colo. Cal.		Csy. 18–44 Hayw. 97–116	Cal. Cal. Ariz.
457. Hydrium Csy. 18–25 458. improvisum Csy. 18–25	Colo.		iatum (Mots.) 50–12	
459. adumbratum Csy. 18–26	Cal.		um (Lec.) 52–190	[Nev.
			ım Čsy. 18–45	Cal.
(Trechonepha Csy. 18–19)	N AL DO	VIII	(Loughydniam Car	10 46)
460. funcreum Lec. 60–320	Nev.Alas.B.C.		I. (<i>Leuchydrium</i> Csy	
461. trechiforme (Lec.) 52–190 462. fabrum Csy. 18–27	Cal. Wash.	orr. ugrm	ım Lec. 79–509	So.Cal.
463. obliviosum Csy. 18–27	Wash.	17	K. (Peryphus Steph.	29-2)
464. volatile Csy. 18–28	Cal.	512. nigrun	n Say 23-85	E.&C. St.
465. impium Csy. 18–28	B.C.			Mich. Ind.
466. parallelocolle (Mots.) 59–12			Csy. 18–48	Ill.
a. amicum Csy. 18–29	Cal.		um Csy. 18–49	Va.
467. iridescens (Lec.) 52–190	Cal. Ut. Vanc. B.C.		ulum Lec. 61–340 eum Csy. 18–49	Colo. Cal. Ind. Id.
468. deceptor Csy. 18–29 469. testaceum Csy. 18–30	Cal.		ım Csy. 18–49	Cal.
470. nescium Csy. 18–30	B.C.		Csy. 18–50	Colo.
471. viator Csy. 18–31	B.C.		ım Csy. 18–51	Colo.
472. illex Csy. 18–31	B.C.		ripenne Blaisd. 02–74	
473. haruspex Csy. 18–31	B.C.		um Csy. 18–51	Me.
474. turbatum Csy. 18–32	Colo.		or (Kby.) 37–54 atum (Lec.) 48–453	'Nfld. L.Sup.
475. conflictum Csy. 18–32 476. rusticum Csy. 18–33	Colo. N.Y.		rascens (Lec.) 48–454	Cal.
477. adultum Csy. 18–33	Cal.	522. conses	sor Csy. 18–52	N.Y.
478. dilutum Csy. 18–33	Cal.		olle Lec. 63–19	Colo. N.Mex.
479. bucolicum Csy. 18–34	B.C.		m Csy. 18–52	Nev. [So.Cal.
480. gratiosum Csy. 18–34	Colo.		onoderum Chd.68–24	
481. repcns Csy. 18–35	Cal.		n Csy. 18–53	Nev.
VI. (Melomalus Csy. 18	3–37)		ax Csy. 18–53 ticola Csy. 18–54	Nev. Utah
482. planatum (Lec.) 48–456	L.Sup. B.C.		um (Lec.) 48–456	Lab. L.Sup.
æqualis Walk. 66–316			eum (Lec.) 48-457	So.Cal.
483. solutum Csy. 18–38	Cal.	530. humbo	oldtiensis Blaisd.02-7	
484. adjutor Csy. 18–39	Cal.		oldtense Csy. 18–55	AT A C
485. vandykei Blaisd. 02–75	Cal.		tum Csy. 18–55	N.Mex.
486. simplex Hayw. 97–63	Lab. L.Sup. H.B.T.		n Csy. 18–55 n (Hald.) 43–303	N.Y. VtVa. Ind.
(Micromelomalus Csy. 18-3			Chd. 68–242 n.m.	v t va. mq.
· · · · · · · · · · · · · · · · · · ·			e Csy. 18–56	N.J.
487. planiusculum Mann.43–215	B.C. Nfld.	535. champ	laini Csy. 18–56	Pa.
488. curtulatum Csy. 18–39	Cal.		(Lec.) 48–467	Ill. Mich. Can.
489. vespertinum Csy. 18–40	Cal.		enne (Lec.) 50–211	L.Sup.
490. effetum Csy. 18–40	Cal.		onum Chd. 68–241 cum Cey. 18–57	Cal.
491. oppressum Csy. 18–40	Cal.		cum Csy. 18–57 ersale Dej. 31–110	Nfld. Can.
492. flebile Csy. 18–41	Cal.		euum (Lec.) 48–466	Wy. [Mich.
493. tumefactum Csy. 18–41 · 494. decrepitum Csy. 18–41	Cal.	compai	r Lec. 57–5	
	Cal.		on Csy. 18–58	Colo.
(Trachelonepha Csy. 18–37) 495. electum Csy. 18–42	Cal.		num Csy. 18–59	N.Mex. Ut.
	Cal.		ım Csy. 18–59 1 Mots. 50–10	Ariz. Cal. Ariz.
	Cal.		rheimi (Lec.) 52–190	
			, , , , , , , , , , , , ,	

Beml	bidion Latr.		Beml	bidion Latr.	
	badiipenne Csy. 18–60	N.Mex.	591.	honestum Say 23–82	Nfld. Wis. Ia.
547.	lugubre Lcc. 57–6	Colo. N.Mex.		antiquum Dej. 31–88	Tex. Ind.
9	stabile Lcc. 79–508	Cal. Colo. So.Cal.	599	basale (Lec.) 48–454 chalceum Dej. 31–89	L.Sup.
	vafrum Csy. 18–60	Ariz.		integrum Csy. 18–79	CanColo.Ind. Tex.
	canonicum Csy. 18–61	Ariz.		sejunctum Csy. 18–79	N.Mex.
	retectum Csy. 18-61	Utah		caducum Csy. 18–80	Wy.
	animatum Csy. 18–62	N.Mex. Colo.		albidipenne Csy. 18–80	Colo.
	pernotum Csy. 18–62			parowanum Csy. 18–80	Utah.
	brevistriatum Hayw. 97–58	So.Cal.		petulans Csy. 18–81	Colo.?
	californicum Hayw. 97–84 innocuum Csy. 18–63	No.Cal.	əəə.	fuscicrum Mots. 55–79 lucidum ‡ (Mann.) 53–150	Alas. Colo.?
	scrutatum Csy. 18–64	Colo.		mixtum Lec. 63–14	
	denveranum Csy. 18–64	Colo.	600.	grandiceps Hayw. 97–70	Mass. N.Y.
	tractabile Csy. 18–64	Utah.		?	[Tex.
	actuosum Csy. 18-65	Colo.	601.	rickseckeri Hayw. 97–85	Cal. Or. Wash.
	viaticum Csy. 18–65	N.Mex.		X. (Peryphodes Csy. 18	8-85)
500.	nitens (Lec.) 50-211	Alas. N.Y. Nfld.	602.	ephippigerum(Lec.) 52-188	
	?grapi Gyll. 27-403	Eur. Green-		salinarium Csy. 18–86	Utah
a.	seductum Csy. 18–66	Colo. [land.		XI. Hydriomicrus Csy. 1	19_97)
561.	inquietum Csy. 18-67	N.Mex.	604	•	
	subangustatumHayw.97-83		004.	semistriatum(Hald.)43–303	Ind.
	insopitans Csy. 18–68	B.C.	605.	constricticolle Hayw. 97-11	
	histricum Csy. 18–68	Ind.?			ColoAriz.
	texanum Chd. 68–240 cogitans Csy. 18–69	Tex. Ia. Ind.?		XII. (Notaphus Steph.	29–2)
	militare Csy. 85–65	L.I.	606.	coloradense Hayw. 97–98	Colo. Vanc.
	platynoides Hayw. 97-78	So.Cal.		idoneum Csy. 18–90	Cal.
	optatum Csy. 18–69	No.Cal.		obsequens Čsy. 18–90	Cal.
	merens Csy. 18–70	Cal.		efficiens Csy. 18–90	Cal.
	sedulum Csy. 18–70	So.Cal.		continens Csy. 18–91	No.Cal.
372.	picipes (Kby.) 37–54 plagiatum Zimm. 69–247	Mc. Mich. [Tex. Ind.		imperitum Csy. 18–91 prociduum Csy. 18–91	Vanc. Wash. Wash.
	lacunarum Zimm. 69–247	[1ex. mu.		nigripes (Kby.) 37–58	Que. Vanc.
573.	scopulinum (Kby.) 37–53	Lab. L.Sup.		augurale Csy. 18–92	Cal.
	gclidum (Lec.) 48–464	[Nfld. Ĉolo.		consuetum Čsy. 18–93	Cal.
	bellulum Csy. 18–71	N.Mex.		evidens Csy. 18–93	Utah
574.	satelles Csy. 18–71	Cal.		simulator Csy. 18–93	Cal.
979.	bimaculatum (Kby.) 37–52 sordidum (Kby.) 37–52			variolosum Mots. 59–131 umbratum (Lec.) 48–458	Alas. Nev.
576.	renoanum Csy. 18–72	[Ariz.? Nev.		curiosum Csy. 18–95	Wy.Colo.Nev.
	postremum Say 34–437	Mass. Pa. Ill.		mobile Csy. 18–95	B.C.
578.	vancouveri Csy. 18-73	Vanc.	621.	semotum Csy. 18–96	Cal.
579.	striola (Lec.) 52–190	So.Cal. Or.		nubiferum Csy. 18–96	Cal.
500	abaataniaum Cay 18 74	Colo.?		gulosum Csy. 18–96	Id.
	shastanicum Csy. 18–74 consanguineum Hayw. 97–	No.Cal. 76		suspectum Blaisd. 02–76 approximatum(Lec.)52–187	Or.
001.	consumgament ray were	Colo. Ut. Ariz.			Cal. [Sask.
		So.Cal.?		• • • • • • • • • • • • • • • • • • • •	So.Cal.
	?submaculatum Bates 81–14	9 Mex.	628.	caudex Csy. 18–98	Cal.
	mexicanum ‡ auct.	Ont Mal			Ariz.
	canadense Hayw. 97–77 lepusculus Csy. 18–75	Ont. Nfld. Colo.		consentaneum(Lec.)52–187 barbaræ Csy. 18–99	So.Cai. Cal.
	lucidum (Lec.) 48–466	Nfld. L.Sup.			Cal.
00 21	100000000000000000000000000000000000000	Neb. Ariz.			So.Cal.
	substrictum (Lcc.) 48–465	[So.Cal.		1 1 1 1 0 10 100	Ariz.
	castalium Csy. 18–75	N.Mex.			Cal.
	nevadensc Ulkc 75–811	Nev. Or.			So.Cal.
	subinflatum(Mots.)59–126 tetracolum Say 23–89	Alas. Cal. Can. Vt. N.Y.			Cal. Cal.
	tetracolum Say 23–89 ?ustulatum (L.) 58–416	Sib. [Colo.		· ·	Cal.
	rupestre Dej. 31–111	Nfld.			Cal.
	rupicola (Kby.) 37–53	H.B.T. Minn.			So.Cal.
b. :	nactum Csy. 18–77	N.Y.			Cal.
		Mass.			So.CalB.C.
	blanchardi Hayw. 97–56 dilatatum (Lee.) 48–455	Pa. Ind. Okla.		flammulipenne (Mots.) 59–1 debilicens Csv. 18–104	.29 Or .
	dilatatum (Lec.) 48–455 ?platyderum Chd. 68–242	ra. imi. Okia.		debiliceps Csy. 18–104 conspersum Chd. 68–244	01.
	. placy defails Olids 00 212		0 20.		

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Bemb	oidion Latr.		Bembidion Latr.	
	tessellatum (Lec.) 52-188		a. vernula Csy. 85–62	N.J.
0.4.4	xanthostictum G. & H. 68-		b. civile Csy. 18–124	Tex.
644.	imitator Csy. 18–105	B.C. Utah	696. particeps Csy. 18–124 697. acticola Csy. 85–63	Ariz. N.J. Del.
	provoanum Csy. 18–105 monstratum Csy. 18–106	Ill.	698. editum Csy. 18–125	N.J.
	fenisex Csy. 18–106	Ind.	699. vulpecula Csy. 18–126	Tex.
648.	posticum (Hald.) 43–303	R.I. Pa. L.Sup.	700. dejectum Csy. 85–67	So.Ariz.
	plectile Csy. 18–107	Ind. Wis. [Ia.	701. docile Csy. 18–126	Ariz.
	mediocre Csy. 18–107	Atl. St.?	702. sociale Csy. 18–127	MichTex. Tex.
651.	patruele Dej. 31–69 variegatum ‡ Lec. nec Say	Pa. N.Y. Ind. [Ia.	703. negligens Csy. 18–127 704. fugitans Csy. 18–127	Ariz.
652.	graphicum Csy. 18–108	Wis.	705. affine Say 23–86	N.EngAriz.
	retractum Csy. 18–109	Colo.	fallax Dej. 31–189	[Ind.
	exclusum Csy. 18–109	Ill.	706. thespis Csy. 18–128	Mich.
655.	intermedium (Kby.) 37–58		707. impotens Csy. 18–129	Ariz.
656	rapidum (Lec.) 48–460 convexulum Hayw. 97–106	[Ind. = [KAlb. B.C.	pictus (Lec.) 48–461 708. æstivum Csy. 18–129	Ill.
000.	convexaram 11ag w. or 100	Ariz. Mont.	709. frugale Csy. 18–130	So.Cal.
657.	marcidum Csy. 18–110	R.I. N.Y.	710. imbelle Csy. 18–130	TexIa.
	dorsale Say 23–84	Ill. Mont.	711. gratuitum Csy. 18–130	Ariz.
659.	versutum Lec. 78–594	N.H. Wis. Nfld.?	712. virgatulum Csy. 18–131	Cal. Nev.
660	variegatum Say 23–89	Pa. Ind.	713. decipiens Dej. 31–189 714. rotundiceps Csy. 18–132	Pa. N.Y. L. L.I. [Sup.
000.	postfasciatum Ham. 93–30		715. tolerans Csy. 18–132	B.C.
661.	obtusangulum Lec. 63–19	ColoCal.	716. egens Csy. 18–132	N.Mex.
	cornix Csy. 18–111	Wash.	717. demissum Csy. 18–133	Ariz.
	mormon Hayw. 97–110	Ut. Wy. Cal.	718. triviale Csy. 18–134	Cal.
	callens Csy. 18–112 fidele Csy. 18–113	Ariz. Utah	719. sordidulum Chd. 68–244 720. temperans Csy. 18–135	Cal.
	novellum Csy. 18–113	Cal.	$720\frac{1}{2}$. fuchsi Blaisd. 02–77	Cal.
	rubiginosum Lec. 79–509	Colo.	721. timidum (Lec.) 48–460	Ut.RockyMts.
	parabile Csy. 18–114	Nev.	722. flavopictum Mots. 50–13	Alas. Cal.
	diligens Csy. 18–114	Utah	723. versicolor (Lec.) 48–460	Nfld. L.Sup.
	aleneanum Csy. 18–114 perturbatum Csy. 18–115	Id. Colo.	variegatum (Kby.) 37-58	Ind.? B.C.? Sask.
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	atrolucens Čsy. 18–115	Or.	725. muscicola Hayw. 97–122	N.H. Ont.
	morulum Lec. 63–19	H.B.T. Man.	lampros ‡ auct. nec Hbst.	[Mich.
	dyschirinum Lec. 61–340	Colo. Cal.	726. scudderi Lec. 78–451	UtSo.Cal.
	vile (Lec.) 52–189 vinnulum Csy. 84–15	So.Cal. So.Ariz.	727. consimile Hayw. 97–88 728. henshawi Hayw. 97–87	NebUt. WySo.Cal.
077.	scintillans ‡ Hayw. nec Bat		729. hageni Hayw. 97–89	Ariz.
678.	definitum Csy. 18–116	Ariz.	sexpunctatum (Lec.) 52-	
679.	arcuatum Lec. 78–594	N.S. Mass.	?	
600	and siliforms. However, 07, 07	Mich.	730. oberthüri Hayw. 01–158	MassMan.
	graciliforme Hayw. 97–97 incrematum Lec. 60–316	Mass. Ia. Ind. Alas.	viridicolle ‡ Hayw. 97–103 731. fraternum Lec. 57–6	lnd. Pa.Ga.Fla.La.
001.	nigripes ‡ Mann. 52–300		732. æneicolle (Lec.) 48–459	ColoMan.
	?dentellum (Thunb.) 85-50	Eur.	733. grandicolle (Lec.) 52–189	So.Cal.
	undulatum Sturm 25–156		734. aratum (Lec.) 52–189	Ariz.
	lassulum Csy. 18–118	Ariz.	XIII. (Cyclolopha Csy. 1	8–144)
	insulatum (Lec.) 52–186 caliginosum Csy. 18–119	Wy. So.Cal. Ariz.	735. occultum Csy. 18–144	Ariz.
	placabile Csy. 18–119	W.Tex.	736. minax Csy. 18–146	N.Mex. Ind.
	cordatum (Lec.) 48–457	N.Y. Ind.		
a.	viridicolle (Laf.) 41–48	Tex.	XIV. (Lopha Steph. 2	
607	hamiferum Chd. 68–244	Tex. So.Cal. Ariz.	737. quadrimaculatum (L.) 58-4	
087.	nubiculosum Chd. 68–244 laticolle (Lec.) 52–187	[Ut.	oppositum Say 23–86	Eur. Sib. R.I. [Colo.
a.	daphnis Csy. 18–120	W.Tex.	738. gregale Csy. 18–148	B.C.
	amnicum Čsy. 18–121	Tex.	739. caseyi n.m.	
689.	festinans Csy. 18–121	Tex.	pugetanum Csy. 18–148	Wash.
	prosperum Csy. 18–122	Fla.	740. crurale (Lec.) 52–189	Cal.
	luculentum Csy. 18–122 vividum Csy. 85–66	Fla. N.J.	741. dubitans (Lec.) 52–189 742. adductum Csy. 18–149	Colo. Ariz.Cal.
	argutum Csy. 18–123	R.I.	743. sapphicum Csy. 18–149	Nev.
	contractum Say 23–85	Mass. Fla.	744. pedicellatum Lec. 57–6	PaMo. Ind.
	?pilatei Chd. 68–243	La.	745. strigulosum Csy. 18–150	D.C.
695.	constrictum (Lec.) 48–462	N.Y. Fla. Tex.	746. fastidiosum Csy. 18–150	Mo. Ill.

Bembidion Latr.		Lymneops Csy. 18-168	
747. mutatum G. & H. 68–416	Alas. Nfld.	788. angusticeps Csy. 18–169	Cal.
axillarc (Lec.) 50–211	[L.Sup. N.H.	789. laticeps (Lec.) 58–61	Cal.
748. vegetum Csy. 18–151 749. præcinctum Lec. 79–509	Colo. Ut. Nev.	790. puritanum (Hayw.) 97–129	Mass.
750. tenax Csy. 18–152 751. veridicum Csy. 18–152	N.Mex. Nev.	Pericompsus Lec. 51–191	
752. relictum Csy. 18–153	Cal.	I. (Pericompsus s. str)
753. jucundum Horn 95–230	Ariz. L.Cal.	791. sellatus Lec. 51–191	Cal. Ariz.
XV. (Paralopha Csy. 18		II. (Tachysops Csy. 18	–171)
754. sulcatum (Lec.) 48–463	Mass. N.Y.	792. cphippiatus (Say) 34–439 elegantulus (Laf.) 41–46	N.EngTex. [Ind.
trepidum (Lec.) 48–463	L.Sup.H.B.T.	III. (Tachysalia Csy. 13	
755. perconcinnum Blais.04–349 blaisdelli Csy. 18–222		793. lætulus Lec. 51–192	Ariz.
concinnum Blaisd. 02-78		Paratachys Csy. 18-174	
XVI. (Diplocampa Bedel		794. austinicus Csy. 18–174	Tex.
756. digressum Csy. 18–155 757. concretum Csy. 18–156	Cal. Mich.	Tachyura Mots. 62-27	
758. congruens Csy. 18–156	R.I.	(Barytachys Chd. 68–211)	G 137
759. frontale (Lec.) 48–462	R.I. Va. Mo.	795. rapax (Lec.) 51–192 796. audax (Lec.) 51–193	Cal.Nev.Ariz. Ariz. Ut. Tex.
aiila + II Cll	Ind.	797. dolosa (Lec.) 48–470	Ind. Wis. Mo.
assimile ‡ Hayw. nec Gyll. 760. siticum Csy. 18–157	Cal. Nev.	798. cockerelli (Fall) 07–218	N.Mex.
761. adolescens Csy. 18–158	Cal.	799. anthrax (Lec.) 51–192	So.Cal.
762. umbraticum Čsy. 18–158	Mich.	800. solita Csy. 18–178 801. soror Csy. 18–179	Tex. Tex.
763. scenicum Csy. 18–159	Cal.	802. monticola Csy. 18–179	N.Mex.
764. acutifrons Lec. 79–509 765. clemens Csy. 18–159	Colo. Ut. Ut.	803. nebulosa (Chd.) 68–214	La. Miss. Ut.
766. peregrinum Csy. 18–159	Alas.	incurvus ‡ Lec. nec Say	
767. connivens (Lec.) 52–188	Cal. Vanc.	804. sectator Csy. 18–180	Ut.
768. vapidum Csy. 18–160	Cal. [Sask.	a. sospes Csy. 18–180 805. incurva (Say) 34–440	Ariz. Can. Fla. L.
769. disparile Csy. 18–161 770. ampliceps Csy. 18–161	Cal.	2007 212012 (201 7) 81 110	Sup. Ind. Cal.
771. tersum Csy. 18–162	Cal.	pulchellus ‡ (Lec.) nec Laf.	[Ariz.
772. cautum (Lec.) 48–464	NfldAlas.	anceps (Lec.) 48–470	Ind.?
773. invidiosum Csy. 18–162	N.Mex. [Colo.	806. vernicata Csy. 18–181 807. congener Csy. 18–181	Tex. Miss.
774. habile Csy. 18–162 775. remotum Csy. 18–163	Ill. Mich. Cal.	808. gemella (Csy.) 84–71	N.J. Va.
776. anguliferum (Lec.) 52–185		809. fuscicornis (Chd.) 68–214	La. Fla.
?		810. parallela Csy. 18–182	R.I. Can. Fla. Neb.
— biimpressum Mann. 43–217		811. granaria (Dej.) 31–61 glossema (Csy.) 84–70	Pa. [Ind.
— glabriusculum Mann.53–14 — kuprianovi Mann. 43–217	Alas.	occulta (Lec.) 48–470	[21101
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— laterimaculatum (Mots.) 5		813. lætifica Csy. 18–183	R.I.N.Y.N.C. Mo.
— obscuromaculatum (Mots.)		814. renoica Csy. 18–183	Nev. Cal.
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Amerizus Chd. 68–211		817. sedula Csy. 18–184	Cal.
777. crassicornis Csy. 18–165	B.C.	818. profuga Csy. 18–185	Nev.
778. oblongulus (Mann.) 52–299		819. xanthopus (Dej.) 31–60	Mass.Fla.Ind.
?wingatei (Bland) 63-319	[Nfld. Mass.	mendax (Lec.) 48–469 a. laxipennis Csy. 18–185	[N.Mex.?] R.I.
779. spectabilis (Mann.) 52–298		b. famelica Csy. 18–185	R.I.
780. longicornis Csy. 18–166 781. keeni Csy. 18–166	Cal. B.C.	820. levipes Csy. 18–186	R.I. L. I. N. J.
101. Reem 05j. 10 100	17.0.	821. liebecki (Hayw.) 00–207	Tex. [Va.
Anillus Duval 51–72		822. rubricauda Csy. 18–186 823. ancilla Csy. 18–186	Tex.La.Ia.Ind. N.C.
(Anillinus Csy. 18–167)	NO	824. fatua Csy. 18–187	Fla.
782. carolinæ Csy. 18–168 783. fortis Horn 68–127	N.C. Ga. Tenn. Va.	825. capax (Lec.) 63–20	N.J. Fla. Ia.
784. dohrni Ehlers 83–36	Fla.? [D.C.		Mo. Ind.
785. affabilis Brues 02–366	Tex. (N.C.	826. saturata Csy. 18–187	N.C. Pa.
(Anillaspis Csy. 18–168)	[Ind.?)	827. gaudens Csy. 18–188 828. fracta Csy. 18–188	Tex.
786. explanatus Horn 88–26	Cal.	829. tripunctata (Say) 34–439	Can. Va. Ind.
787. debilis Lec. 53–397	Cal.		Tex.

01	OAIG	EBID/E			
Tachyura Mots.		Tachys Steph.			
830. vivax (Lec.) 48–468	Pa. N.C. Ia.	864. marginellus Lcc. 51–194	Ariz.		
831. laredoana Csy. 18–189	Tex. [Ind.	865. funebris Csy. 18–205	Ut.		
832. serva Csy. 18–189	N.Y.	866. litoralis Csy. 84–15	N.J.		
, one 1 1 /T \ "1 100	4 · O l	867. pallidus Chd. 68–212	Tex. Fla.		
833. obesulus (Lec.) 51–192	Ariz. Cal.	868. omissus Csy. 18–206	Va.		
834. ferrugineus (Dej.) 31–59	Mass. S.C. Ia.	869. luridicollis Csy. 18–207	Tex. Miss.		
ovipennis (Chd.) 68–215	[Ind. Mass. N.Y.Pa.	870. torrescans Csy. 18–207	Tex.		
835. frontalis (Hayw.) 00–212	mass. m.1.1 a.	871. pugnax Csy. 18–207 occultator ‡ Hayw. nee Cs			
Tachys Steph. 29-2		872. subtropicus Csy. 18–208	Tex.		
(Polyderis Mots. 62–27, pa	re)	873. occultator Csy. 84–69	N.J. Fla. Tex.		
_ , ,		874. bradycellinus Hayw.00–224			
I. (Tachys s. str.)		875. esurialis Csy. 18–209	So.Cal.		
836. edax Lec. 51–194	Or. Cal. Nev.	876. corax Lec. 51–194	So.Cal. Ariz.		
097! Ch 1 60 919	Ut.?		Ut.		
837. umbripennis Chd. 68–213	Tex. Ark.	877. mordax Lec. 51–193	So.Cal. Ariz.		
838. vorax Lec. 51–194	So.Cal. Ariz.	878. virgo Lec. 51–194	So.Cal. [Ut.		
920 numilus (Dei) 21 42	Tex. Fla. La. Tex.	879. misellus Laf. 41–48	Tex.		
839. pumilus (Dej.) 31–43 840. oblitus Csy. 18–195	N.J.	III (Mianatualia Cura 1	0.910\		
841. cuneatus Csy. 18–195	N.Y.	III. (Microtachys Csy. 1			
a. appalachius Csy. 18–195	N.C.	880. congestus Csy. 18–212	Va.		
842. iowensis Csy. 18–195	Ia.	881. unistriatus Csy. 18–212	Pa.		
843. columbiensis Hayw. 00–231		882. rectus Csy. 18–213	La.		
844. sagax Csy. 18–197	No. Ill.	883. lævus (Say) 23–88	Can. Fla. Tex.		
845. ventricosus Lec. 63–20	Fla. La. Tex.	troglodytes (Dej.) 131-44	[Ind.		
oopterus Chd. 68–212		884. flumenalis Csy. 18–213	Miss. Tex.		
846. albipes Lec. 63–20	Fla. La.	885. diaphanus Csy. 18–214 886. rufotestaceus Hayw.00–217			
847. latipennis Hayw. 00–217	L.Cal.	9	[Tex.		
848. gentilis Csy. 18–197	Ind.?	887. trechiformis Hayw. 00-216			
849. proximus (Say) 23–88	N.Eng. N.C.	oot. Godinging 11ag ii. oo 21o	22120		
850. rhodeanus Csy. 18–198	R.I. [Neb.Ind.	Tachyta Kby. 37-56			
851. scitulus Lec. 48–471	Can. Fla. Tex.	(Tachymenis Mots. 62-27,	pars)		
852. pallescens Csy. 18–199	Ia. Miss. [Ind.	888. angulata Csy. 18–216	Wis.		
853. hyalinus Csy. 18–200	Tex.	889. kirbyi Csy. 18–216	Minn.		
854. temporalis Csy. 18–200	N.Y. Miss.	890. nana (Gyll.) 10–30	Eur. (N.Am.?)		
855. nubifer Csy. 18–200 856. obliquus Csy. 18–201	L.I.	891. falli (Hayw.) 00–199	Cal. Vanc.		
857. coruscus Lec. 48–472	R.I. Fla. Colo.	892. inornata (Say) 23-88	Can. Fla. Ia.		
eneipennis ‡ Chd. 68–211	[Ind.	nana ‡ auct. nec Gyll.	[Ind. So.Cal.		
858. æneipennis Mots. 62–29	Ala. Miss.	picipes (Kby.) 37–56	XX7l.		
859. spadix Csy. 18–202	Tex.	893. collaris Csy. 18–218	Wash.		
860. laxicollis Čsy. 18–202	Tex.	894. arizonica Csy. 18–219 895. debilicollis Csy. 18–219	Ariz. N.Y.		
861. vernilis Csy. 18–202	Tex.	896. californica Csy. 18–219	Cal.		
862. sequax Lec. 48–472	Colo.	7	Cai.		
— brunnicollis (Mots.) 62–28	Ala.	897. rivularis (Mots.) 50–8	Alas.		
— reflexicollis (Mots.) 62–31	N.Y.	(2.23.23) 60 6			
— glabrella (Mots.) 62–34	Ala.	Tachymenis Mots. 62–27			
testaceolimbata (Mots.) 62		898. flavicauda (Say) 23–87	Can. Fla. Cal.		
TT /T . 1 . 0 . 10	Ala.	apicalis (Sturm) 43–36	[Ind.		
II. (Isotachys Csy. 18-	•	marginicollis Mots. 62–32	La.		
863. vittiger Lec. 51–193	So.Çal. Vanc.				
	Micra	TOPINI			
Micratopus Csy. 14-42		Micratopus Csy.			
(Blemus ‡ Lec. 48–473)		899. ænescens (Lec.) 48–473	N.C. Fla. La.		
(Lymnastes ‡ Mots. 62–27)		900. fusciceps Csy. 14–43	Miss.		
Pogonini					
Putzeys 47; Chaudoir 71;	Horn 75, 76, 83;	Schæffer 01, 15; Van Dyke 18;	Casey 18		
Patrobus Dej. 28-26		Patrobus Dej.			
901. longicornis (Say) 25–40	NfldMinn.	?fossifrons (Esch.) 23–104	Alas.		
americanus Dej. 28–34	[N.CMo. Ind.	?foveicollis (Esch.) 23–104			
902. septentrionis Dej. 28–29	Eur. Bor. Am.?	longiventris Mann. 53–145			
	Man.	a. tenuis (Lec.) 50–207	Mich.		
hyperboreus Dej. 28–30	Greenland	b. lecontei Chd. 71–47			
?fossor (O. Fab) 80–	Greenland	rufipes Lec. 63–18	H.B.T.		

Patrobus Dej.		Trechus Clairv.	
c. labradorinus Csy. 18–395	Lab.	910. chalybeus Dcj. 31–17	Alas. N.J. Ind.
d. minuens Csy. 18–396	Lab.	a. californicus Mots. 45–347	Alas. Or. Cal.
e. læviceps Csy. 18–397	Lab.	b. tahoensis Csy. 18–407	Cal.
903. fulvus Mann. 53–145	Alas.	c. pallescens Csy. 18–407	M: 337:
904. insularis Csy. 18–397	Alas.	fulvus Lec. 48–415	Minn. Wis.
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obtusiusculus Chd. 71–43	H.B.T.	911. ovipennis Mots. 45–348	Colo. Alas. Cal.
stygicus Chd. 71–46	Nfld.	lævigatus Lec. 63–14	Alas. Cal.
a. latipennis Csy. 18–399	Cal.	912. pomonæ Fall 01–211	So.Cal.
b. incisus Csy. 18–399	Cal.	913. carolinæ Schffr. 01–212	N.C.
c. strenus Čsy. 18–400	Wash.	914. arizonæ Csy. 18–409	Ariz.
d. rectus Csy. 18–400	Nev.	915. hydropicus Horn 83–273	Va. N.C.
c. sierranus Csy. 18–401	Cal. Nev.	flavipes Kby. 37–48	
f. breviceps Csy. 18–402	Colo.	1 , -	
906. aterrimus (Dej.) 28–32	Colo. Alas.	Thalassotrechus Van D. 18-303	3
fulcratus (Lec.) 69–374	Vanc.	(Anatreehus Csy. 18-411)	
a. breviusculus Csy. 18–401	Nev.	916. barbaræ (Horn) 92–41	So.Cal.
b. tenuitarsis Csy. 18–403	Colo.	917. nigripennis Van D. 18–304	Cal.
c. coloradensis Csy. 18–403	Colo.		
d. reflexus Csy. 18–403	Colo.	Anophthalmus Sturm 44-131	
e. filicornis Csy. 18–404	No.Cal.	918. tellkampfi Er. 44–384	Ky.
907. angusticollis (Mann.) 53–14		919. interstitialis Hubb. 80–52	Ky.
908. rugicollis (Rand.) 38–1	Can. Pa.	?striatus Mots. 62-41	Ky.
		920. menetriesi Mots. 62–40	Ky.
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909. borealis Schffr. 15–47	Lab. Nfld.	angulatus Lec. 63–18	Ky.
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nunitanua Care 19 407	Mass.	922. pusio Horn 68–125	Va. Ky.
puritanus Csy. 18–407 rhodensis Csy. 18–408	R.I.	923. pubescens Horn 68–126 924. audax Horn 83–272	Ky.
brumalis Csy. 18–408	Lab.	925. horni Garman 92–241	Ky. Ky.
oranians oss. 10 100	2300.	ozo. norm carman oz zri	II.y.
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Pogonus Dej. 28-6	T	Diplochaetus Chd. 71–43	NT T TNL 713
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927. planatus Horn 76–250	So. Cal.		
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cyanescens Dej. 28–425	[Ind. N.Y.	936. grandiceps (Lec.) 48–336	N.Y.
930. foveatus Lec. 48–355	Mass. N.Y.		
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931. morionides Chd. 68–57	Cal.	(Hypherpes Chd. Csy. 18–3	Cal. Or.
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Holciophorus Lec. 52–249	So.Cal. Vanc.	938. spissitarsis Csy. 18–329 939. serripes (Lec.) 75–169	Cal.
932. ater (Dej.) 31–339 aterrimus (Mots.) 45–341	So.Cai. vanc.	940. sequoiarum Csy. 13–101	Cal.
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c. cephalus Csy. 13–98	Cal.	b. metlakatlæ Csy. 13–102	B.C.
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946.]	jejunus Csy. 13–104	Cal.	996. sponsor Csy. 13–123 997. sierranus Csy. 13–124	Cal.
947.	breviusculus Csy. 13–104	Cal.	998. mercedianus Csy. 18–335	Cal.
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977. r 978. k 979. d 980. l 981. k 982. i	alamedæ Csy. 18–334 miscellus Csy. 13–115 bucolicus Csy. 13–116 laborans Csy. 13–116 barbarinus Csy. 13–116 inermis Fall 01–211 ** menetriesi Mots. 45–341 ater Mann. 43–206 *** isabellæ Lec. 49–182 jacobinus Csy. 13–118	Cal. So.Cal. Cal. Or. Cal. So.Cal. So.Cal. So.Cal. So.Cal.	26. deficiens Csy. 18–340 27. blanchardi (Horn) 91–33 Anaferonia Csy. 18–341 1028. distincta Csy. 18–342 29. ovipennis (Lec.) 48–345 30. substriata (Lec.) 48–344 31. pantex Csy. 18–344 32. vernicata Csy. 18–344 33. pimalis Csy. 18–345 34. constricta (Say) 23–147 lixa (Lec.) 48–346 35. latebrosa (Lec.) 52–232 36. pudica Csy. 18–346	Ind. N.C. Ga. Ia. N.Mex. Mo. Tex. N. Tex. [Mex. N.Mex. So.Ariz. Kan. Ark. Ind.? Tex.
977. r 978. k 979. d 980. l 981. l 982. i 983. r 984. i 985. j 986. g	alamedæ Csy. 18–334 miscellus Csy. 13–115 bucolicus Csy. 13–116 laborans Csy. 13–116 barbarinus Csy. 13–116 inermis Fall 01–211 ** menetriesi Mots. 45–341 ater Mann. 43–206 *** isabellæ Lec. 49–182 jacobinus Csy. 13–118 gliscans Csy. 13–119	Cal. So.Cal. Cal. Or. Cal. So.Cal. So.Cal. So.Cal. So.Cal. Cal. Cal. So.Cal.	26. deficiens Csy. 18–340 27. blanchardi (Horn) 91–33 Anaferonia Csy. 18–341 1028. distincta Csy. 18–342 29. ovipennis (Lec.) 48–345 30. substriata (Lec.) 48–344 31. pantex Csy. 18–344 32. vernicata Csy. 18–344 33. pimalis Csy. 18–345 34. constricta (Say) 23–147 lixa (Lec.) 48–346 35. latebrosa (Lec.) 52–232 36. pudica Csy. 18–346 37. papago Csy. 18–346	Ind. N.C. Ga. Ia. N.Mex. Mo. Tex. N. Tex. [Mex. N.Mex. So.Ariz. Kan. Ark. Ind.? Tex. Ariz.
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Megasteropus Csy. 18–350		rugicollis (Hald.) 43–300	[IIId. Diren.
1049. gigas Csy. 18–350	Tex.	picipes (Newn.) 38–377	T 1 TH T
Eumolops Csy. 18–351		90. ingens Csy. 18–367 91. umbonata Csy. 18–368	Ind. Ill. Ia. R.I. [Mo.
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54. inflatula Csy. 18–354	Colo.	95. adjuncta (Lec.) 52–245	Mich. Pa.N.Y.
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57. sulcata Csy. 18–355	Fla. [Md.		Mass1 a.
58. sodalis (Lec.) 48–349	Pa. Ia. Tex.	Lyperopherus Mots. 60–93	T - L NIGIL NG
59. fatua (Lec.) 52–233 60. sallei (Lec.) 73–319	la. Ind. [Ind. Tex. Kan.	1098. punctatissimus(Rand.)38-3	H.B.T. Mass.
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68. blatchleyi Csy. 18–360 69. breviformis Csy. 18–360	Fla. N.C.	striatus (Dej.) 28–390	C
70. seximpressus (Lec.) 48–350	Ind. Ia. Mo.	04. obesulus (Lec.) 73–314 05. permundus (Say) 34–426	Ga. Ala. La. Neb.
71. americanus (Dej.) 28–392	Fla. Kan.Ariz. Ind. N.C. La.	atratus (Newn.) 38–386	[Ill. Ind.
71. americanus (Dej.) 28–392	Fla. Tex.	06. planifer (Csy.) 13–136	Ind. Pa.
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29. confusus Mots. 60–93 30. insulicola Pop. 06–81	Alas Alas.	micans Chd. 43–767 62. lucublandus Say 23–55	La. U.S. & Can.
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36. alaskensis Pop. 06–116 37. hudsonicus Lec. 63–11	Alas. H.B.T. Lab.	T 1 1 T 70 040	
37. Iludsomeus Lec. 05–11	N.H. L.Sup.	Lophoglossus Lec. 52–248	D _o
38. labradorensis Chd. 68–340	Lab.	1165. gravis Lec. 73–316 66. haldemani (Lec.) 48–241	Pa. Fla. Ala. Mo.
39. planus Sahl. 87–141	Alas.	00. naidemain (Dec.) 40–241	Ind.
40. pacificus Pop. 06–184	Alas.	67. tartaricus (Say) 23-44	N.J. Fla. Ind.
41. arcticola Chd. 68–339	Greenland	complanatus (Dej.) 28-281	
10 II D 0F 01	Lab. N.H.	68. strenuus Lec. 52–249	N.Y.
42. montanellus Pop. 07–21	N.H.	69. scrutator (Lec.) 48–242	O. Ind. Ill.
43. fastidiosus Mann. 53–131 44. brevicornis Kby. 37–31	Alas. H.B.T.	a. canadensis Chd. 68–331	Can.
epipleuralis Sahl. 87–49	Alas.	70. illini Csy. 13–145	III.
45. mandibularis Kby. 37–31	H.B.T.	71. bispiculatus Csy. 13–146 72. vernix Csy. 13–146	Ind. Conn.
46. surgens (Lec.) 78–449	Colo.	— prætermissus Chd. 68-331	La. Tex.
47. beringi Čsy. 18–374	Alas.	proterningas char de gor	Inti Ioni
48. delicatus Csy. 18–375	Alas.	Omaseus Ziegl. Dej. Cat. 3ed. p.	. 39
49. breviusculus Csy. 18–375	Alas.	1173. ebeninus Dej. 28–307	N.YTex.Ind.
— ochoticus Sahlb.	Sib. (N.Am.?)	acutangulus (Chd.) 43-771	
— arcticus Sahlb. n.m. infimus Maek. nec Chd.	Alas.?	74. caudicalis (Say) 23–56	Can. Or. Md.
- borealis Mann. 51-50	Sib. nec N.Am.	nigrita (Kby.) 37–32	[L.Sup. Ind.
(Genus?)		agrestis Bland 65–381	Colo.
— sejungendus Chd. 68–336	Cal.	75. luctuosus (Dej.) 28–284	Nfld. N.Eng.
— basilaris Mann. 65–261	Ala.	abjectus Lec. 52–243 hamatus Harris 28–123	L.Sup. Ind.
— commixtus Chd. 50–135	Alas.	76. corvinus (Dej.) 28–281	N.Y. Ga. Neb.
— curtipennis Mots. 59–148	Cal.	subpunctatus Harris 28-123	
 femoratus Mots. 45–22 licinoides Mots. 65–261 	Alas. Am. bor.	tenebrosus Chd. 37–30	
- nimius Mots. 65–260	Ohio		
— perseverus Mots. 65–260	Am. bor.	Dysidius Chd. 38–8	O 111 T 3
— ruficollis Mann. 53–131	Alas.	1177. purpuratus Lec. 52–242	O. Ill. Ind. Cal.
— rugulosus Mots. 45–342	Alas.	?parallelus Mots. 59–147 a. trinarius Csy. 18–377	Pa.
— texanus Mots. 65–261	Tex.	78. mutus (Say) 23–44	Atl. St. L.Sup.
B 6 C 10 970		carbonarius (Dej.) 28–283	[Ind.
Paraferonia Csy. 18–376	Ga.	morosus (Dej.) 28–283	
1150. lubricus (Lec.) 52–240	Ga.	picicornis (Kby.) 37–33	G 77.
Piesmus Lec. 48–340		pulvinatus Hausen 91–253	~
1151. monedulus (Germ.) 24–18	Ala. Fla.	stenops Hausen 91–252	Can.
a. submarginatus(Say) 25-45	N.C.	Department Corr. 10 277	
punctatosulcatus (Sturm)	26–185	Parargutor Csy. 18–377 1179. lustrans (Lec.) 49–181	Cal. Nev.Ariz.
Persitre Person		puncticollis (Mots.) 59–149	
Pœcilus Bon. 09– 1152. subcordatus Lec. 49–181	N.Mex. Ariz.	80. atrolucens Csy. 18–378	Or.
1192. Subcordatus Lec. 49 101	So.Cal.	·	
53. scitulus Lec. 52–254	Mont. So.Cal.	Pseudargutor Csy. 18-378	
54. lætulus Lec. 63–10	So.Cal. Ariz.	(<i>Platyderus</i> Kby. nec Stepl	a. 28–101)
californicus Lec. 52–253		1181. erythropus (Dej.) 28–240	Atl. St. Fla.
occidentalis ‡ Chd:	C CIN.	:4: 1 (Wh) 27, 90	L.Sup. Ind.
55. occidentalis Dej. 28–231	So.Cal. Nev.	nitidus (Kby.) 37–29	Can.
cursitor Lec. 52–254 cursorius Lec. 49–181		Micromaseus Csy. 18-378	
56. corvus Lec. 73–307	Dak.	1182. patruelis (Dej.) 31–759	Nfld. N.Y. Ind.
57. cyanicolor Chd. 76–43	Mo.	bicolor (Kby.) 37–30	Can. [L.Sup.
cyaneus Lec. 52–254		?linearis (Mann.) 53–126	Alas.
58. texanus Lec. 63–10	Tex. Ariz.	83. femoralis (Kby.) 37–31	W. St. Ind.
59. snowi Csy. 13–137	Ariz.	84. desidiosus (Lec.) 63–11	W.St.
?mexicanus Chd. 75–44	Mex. Ariz.	85. æquicollis Csy. 18–379 86. corrusculus (Lec.) 73–314	Mo. N.Y. Mass.
60. pimalis Csy. 13–138	11114.	50. Corrusculus (Ecc.) 75-814	11.1.111035.

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Micromaseus Csy.		Loxandrus Lec.	
1187. splendidulus (Lcc.) 63 –10	So.Cal.	1207. contumax Csy. 18–388	Fla.
?		08. fulgens Csy. 18–388	Miss.
Bothriopterus Chd. 38-9		09. lucidulus (Dej.) 31–239 a. laticollis (Chd.) 43–766	So.St. La. Tex.
(?Platysma Bon. 09)		b. brevicollis (Lec.) 48–338	Ala. La. Fla.
1188. pennsylvanicus (Lec.) 73–3	14	c. minor (Chd.) 43–766	La. Ind. [Ind.
• • •	Pa. N.Y. Ind.	d. nitidulus (Lec.) 48–239	La.
89. latescans (Csy.) 13–139	Cal.	e. lucens Chd. 68–61	Tex.
90. oblongonotatus (Say) 34–42		f. parvulus Chd. 68–61	S.C.
oring and (Wheel) and Charle	L.Sup. Alas.	g. micans Chd. 68–62	La.
orinomus (Kby.)nec Steph.	Or.	10. flavilimbus Blatch. 18–418 11. limatus Csy. 18–382	D.C.
91. sericeus (Csy.) 13–140 92. adstrictus (Esch.) 23–103	Alas. Cal. Sib.	12. collucens Csy. 18–382	Tex.
vitreus (Dej.) 28–320	Eur.	13. ludovicianus Csy. 18–383	La.
maeklini (Lec.) 63–9	· ·	14. erraticus (Dcj.) 31–240	Pa. O. Fla. Ala.
seriepunctatus (Mann.) 43-		15. inquietus Csy. 18–389	Ind. [La. Ind.
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Cal.	16. velocipes Csy. 18–390	D.C.
oblongiusculus (Mots.) 59–3		17. rectus (Say) 25–58	Ind. Fla.
02 letabricale (Car.) 12-141	Cal.	velox (Dej.) 31–245	Τ.,
93. latebricola (Csy.) 13–141 94. luczoti (Dej.) 28–321	Lab. Nfld. L.	a. tæniatus Lec. 52–252 b. piciventris (Lec.) 48–237	La.
71. Ide20d (1963.) 20 921	Sup. Ind. N.E.	c. pusillus Lec. 52–252	
alternatus (Mots.) 50–53	Alas. [Am.	d. piceolus Chd. 68-62	Tex.
95. shastanus (Csy.) 13-141	Cal.	e. crenulatus Chd. 68–63	Tex.
96. saxatilis (Csy.) 13–142	Ariz. Id.	f. proximus Chd. 68–64	Tex.
97. laxicollis (Csy.) 13–142	Colo.	g. rapidus Chd. 68–64	La.
98. oregonus (Lec.) 61–339	Or.	h. mandibularis Csy. 18–382	D.C.
colligatus (Walk.) 66–314 obtusangulum (Mots.) 59–1	Vanc.	18. suturalis Csy. 18–384 19. cervicalis Csy. 18–385	Fla.
obtusangurum (Mots.) 55-1	Alas.	20. mundus Csy. 18–385	Fla.
motschulskyi (Maek.) 59-3		21. accelerans Csy. 18–386	Tex.
	Alas.	22. parallelus Csy. 18–386	La.
sexpunctatus (Mann.) 53-1		23. agilis (Dej.) 31–244	Pa. Fla. Ind.
*	Alas.	24. parvicollis Csy. 18–389	Tex.
Loxandrus Lec. 52–250	۳۱	25. celeris (Dej.) 31–246	Fla. Tex.
(Megalostylus Chd. 43–76 1199. reflexus Lec. 78–376	Ala. Fla.	celer ‡ auct. 26. vulneratus Csy. 18–390	Ind.
1200. lateralis Csy. 18–381	Fla.	27. concinnus Csy. 18–391	Fla.
01. saphyrinus (Chd.) 43–766	La.	28. rectangulus Lec. 78–377	Fla.
a. iris Mots. 65–242	Miss.	29. crenatus Lec. 52–352	Fla. Ala.
02. calathinus Lec. 78–376	Fla.	30. brunneus Blatch. 18–417	Fla.
03. floridanus Lec. 78–373	Fla.	?	
04. cursitans Csy. 18–387	Fla.	Stolenia Meta 65 920	
05. comptus Csy. 18–387 06. scitus Csy. 18–388	Fla. Fla.	Stolonis Mots. 65–230 1231. ulkei Horn 85–129	Tex.
00. scitus Osy. 18 300	ria.	1291. ulkei 110111 00-129	I CA.
	Амал	RINI	
Lecont		Hayward 08; Casey 18	
	ic ço, morn əz, m		
Feronalius Csy. 18–226 1232. pterostichinus (Hayw.) 08–	20	Curtonotus Steph. 1244. rufimanus (Kby.) 37–35	Nfld. Colo.
1202. peciosacinitus (11ayw.) 00	N.Mex. Ariz.	b revilabris (Kby.) 37–35	Mid. Colo.
?putzeysi Bates 78–600	Mex.	lacustris Lec. 55–346	
		reflexus Putz. 66–241	
Curtonotus Steph. 28–138		45. cylindricus Lec. 78–450	Lab. Nfld.
(Cyrtonotus ‡ auct.)	TH C. 1	46. hudsonicus Hayw. 08–29	Lab. [Colo.
1233. thoracicus Hayw. 08–21	Wy. Colo.	47. labradorensis Csy. 18–231	Lab.
34. blanchardi Hayw. 08-22	Ariz. Nev. Neb. Cal.	48. scrutatus Csy. 18–231 49 cschscholtzi (Chd.) 37–36	Lab. Alas. Sib.?
35. jacobinus Lec. 55–346	Wash. Cal.	50. melanogastrica Dej. 28–519	
36. sponsor Csy. 18–228	No.Cal. [Ariz.		Lab. Colo.
37. concretus Čsy. 18–228	Cal.	,	Alas.
38. stupidus Lec. 55–347	Cal.	borealis (Chd.) 53–775	Sib. (Green-
39. bowditchi Hayw. 08–24	Tex. Ariz.	hyperborea ‡ Lec. 55–256	[land?)
40. laticollis (Lec.) 48–368	Man. Ariz.	obtusa Lec. 55–348	C-1-
adstrictus Putz. 66–238	5	52. rubripennis Csy. 18–230	Colo.
convexiusculus ‡ Kby. 37–3	N.Mex.	53. deficiens Csy. 18–230 54. argutus Csy. 18–231	N.H. N.H.
41. spadiceus Csy. 18–229 42. tartareus Csy. 18–229	Colo.?	55. inanis Csy. 18–231	N.H.
43. carinatus (Lec.) 48–368	Mont. Neb.	56. infaustus Lec. 55–347	Alas.
,			

Curtonotus Steph.		Celia Zimm.	
rufimanus Mots. 42–176	4	splendida Hald. 43–300 ?interstitialis (Dej.) 28–472	Fur Silv
carinatus ‡ (Mann.) 53–13 1257. catenulatus Csy. 18–230	Mont.	interstitialis auct (= Dej.?)	Lab. Alas.
58. elongatus (Lec.) 50–207 ?hyperboreus Dej. 31–800	Lab. Nfld. [L.Sup.	1286. lauta Csy. 18–248	Ariz. Ind. Ariz.
59. pennsylvanicus Hayw.08-3	34 Can. N.Mex.	87. formalis Csy. 18–248	Ut. N.Mex. Colo.
fulvipes (Putz.) 66–235 — canadensis Putz. 66–256	[Ind. Can.	88. farcta Lec. 55–353 89. finitima Csy. 18–249	Cal. [Man.
— holmbergi Putz. 66–250 — somnolenta Putz. 66–243	Alas. Alas.	90. subdepressa Csy. 18–249 91. modulata Csy. 18–250	Nev. N.Mcx.
tranversicollis Putz. 66-236 tristis Putz. 66-255		92. shastanica Csy. 18–251 93. semota Csy. 18–251	No.Cal. Or.
— angustata Sahl. 87–51	Alas.	94. solita Csy. 18–252	Neb.
— fulva DeG. 74–62	Eur. (Nfld.?)	95. reducta Csy. 18–252 96. ellipsis Csy. 18–252	Colo. Kan. Colo.
Stereocerus Kby. 37–34 (?Boreobia)		97. nexa Csy. 18–253 98. erratica (Sturm) 25–55	Cal. Eur. Sib. Alas.
1260. hæmatopus (Dej.) 28-769	Lab. Alas.	punctulata (Dej.) 28–472	[L.Sup. Vt.
similis Kby. 37–34	H.B.T.	lævipennis Kby. 37–40 II.	[Lab.Nfld.Ind.
Leironotus Ganglb. 92–315 1261. arenarius (Lec.) 48–403	Mass. L.Sup.	99. californica (Dej.) 28–474	Or. So.Cal.
	naussi and api	1300. mexicana (Dej.) 31–792	Mex. Ariz.
Leiocnemis Zimm. 32–38 1262. avida (Say) 23–148	N.S. Colo. Ind.	111. 01. rectangula Lec. 55–355	Or. No.Cal.
confinis (Dej.) 28–510	[L.Sup.	IV.	
Bradytus Steph. 28-136		02. laxicollis Csy. 18–258 03. brumalis Csy. 18–259	L.I. Mich.
I. 1263. gravidus Csy. 18–236	Kan.	04. paganica Csy. 18–259 05. terrestris Lec. 55–354	Mich. Colo. N.Mex.
64. curtus Csy. 18–236 65. exaratus Dej. 28–509	Mo. Mass. Neb.	06. defecta Csy. 18–260	N.Mex. Kan.
furtivus (Say) 34–429	[Ind.	07. exposita Csy. 18–260 08. mimica Csy. 18–260	Or. R.I.
66. stygialis Csy. 18–237 II.	Pa.	09. remotestriata Dej. 28–473 remota Zimm. 32–27	Alas.Lab.Nfld. [Alb.Man.(Sib.
67. apricarius (Payk.) 90–125	Eur. Sib. Nfld. N.Y.L.Sup.	discors Kby. 37–40 indistincta Mann. 53–45	[N.J. So.Cal.?) [Ind.
III.		reducens Mann. 53–46	
68. nainensis Csy. 18–238 69. glacialis Mann. 53–135	Lab. Sib. Alas. Lab.	10. fontinalis Csy. 18–261 11. eldorensis Csy. 18–261	N.Mex. Colo.
70. putzeysi Horn 75–129	Nfld.	12. docilis Csy. 18–262 13. brunnescens Csy. 18–262	Colo.?
IV. 71. schwarzi Hayw. 08–42	L.Sup. Lab.	14. definita Csy. 18–263	No.Cal.
septentrionalis Lec. 48–36 72. latior Kby. 37–36	58 N.Y. Ill. L.	15. obligata Csy. 18–263 16. pinorum Csy. 18–264	Ut. N.C.
hyperborea ‡ Lcc. 48–357 lævistriatus Putz. 66–262	[Sup. Can.Ind.	17. nevadica Csy. 18–264 18. sodalis Csy. 18–265	Nev. Staten Is.
liber Lec. <u>55</u> –349		19. chalcea Dej. 28–476	Mass. N.C.
oregonus Lcc. 55349 73. humphreysi Csy. 18–240	Ariz.	20. robustula Horn 92–32	Colo.? Ind.
74. deceptus Csy. 18–241 75. specularis Csy. 18–241	N.Mex. Ariz.	21. corvina Csy. 18–266 22. amplipennis Csy. 18–266	N.C. Ariz.
76. relictus Csy. 18–242	Colo.	23. gibba Lcc. 55–355 24. schotti Csy. 18–266	L.Sup. L.I.
77. obsolescens Csy. 18–242 78. immundus Csy. 18–243	Colo. Cal.	25. sphærops Csy. 18–267	L.I.
Percosia Zimm. 32-18		26. mcrula Csy. 18–267 27. femoralis Horn 92–30	Colo.?
1279. diffinis.Lec. 55–354	Neb. Colo.	28: lugubris Csy. 18–268 29. nupera Horn 92–33	Nev. N.Mex. Colo.
80. cxtensa Csy. 18–244 81. obesa (Say) 23–37	Or. L.Sup. N.Y.	30. grcenei Csy. 18–269	N.Mex.
patricia ‡ Lec. 55–354 82. latissima Csy. 18–245	[D.C. Ind. No. Ill.	31. scolopax Csy. 18–269 32. apachensis Csy. 84–3	Colo. Ariz.
83. ventricosa Čsy. 18–245 84. fortis Lec. 80–164	L.I. Tex.	33. patula Csy. 18–270 34. brunnea (Gyll.) 08–143	Ariz. Eur. Alas.
	T CA.	35. amplicollis Mann. 53–139	[Colo. B.C.?
Celia Zimm. 32–18 I.		V. 36. imitatrix Horn 92–34	Cal. Vanc.
1285. patruelis (Dej.) 31–793 inæqualis Kby. 37–39	Pa.	37. rotundiceps Csy. 18–272	Cal.
maquans Kby. 37-39		38. jacinto Csy. 18–272	So.Cal.

Celia Zimm.		Amara Bon.	
1339. aurata (Dej.) 28–475	B.CSo.Cal.	1388. mystica Csy. 18–298	So.Cal.
40. farallonica Csy. 18–273	Cal.	89. fallax Lec. 48–362	Ont. N.C.
41. proba Csy. 18–274	Cal.	1' Ct C t 49 90	N.H. Ind. L.
42. clementina Csy. 18–274	Cal. Is.	ovalis Sturm Cat. 43–28	Sup. Ia. Colo.
43. hilaris Csy. 18–275	Cal. Or.	90. hcsperia Csy. 18–298 91. keeni Csy. 18–299	Cal. Id. N. B.C. [Mex.
44. evanida Csy. 18–275 45. angustior Csy. 18–275	No.Cal.	92. lacustrina Csy. 18–299	L.Sup.
io. angustion Coy. 10 2.0	11010411	93. laurana Csy. 18–300	Colo.
VI.		94. otiosa Csy. 18–300	Minn.
46. sinuosa Csy. 18–277	B.C.	95. provoana Csy. 18–300	Ut.
47. elusa Csy. 18–277	Colo.?	96. vigilax Csy. 18–301	Cal.
48. nupta Csy. 18–278	No. N.Y. Colo.	97. pomona Csy. 18–301	So.Cal.
49. thoracica Csy. 18–278 50. subænea Lec. 55–355	L.Sup. Nfld.	98. humilis Csy. 18–302 99. tenax Csy. 18–302	R.I. L.I. Colo.
50. Subtelica Dec. 55 555	Ind. Colo.?	1400. cupreolata Putz. 66–180	Can. N.C. Ill.
51. hospes Csy. 18–279	Colo.		Ia. Ind. Mo.
52. lucina Csy. 18–279	Del.	01. rustica Csy. 18–303	N.C. [Colo.
53. proditor Csy. 18–280	N.J.	02. marquettensis Csy. 18–304	Mich.
54. lyncea Csy. 18–280	L.I.	03. æneopolita Csy. 18–304	Mich.
55. nugator Csy. 18–281	Ind.? N.J. Va.	04. nebraskana Csy. 18–304	Neb.
56. curticeps Csy. 18–281 57. haldemani Csy. 18–281	Kan.	05. oblongula Csy. 18–305 06. conflata Lec. 55–352	Colo. Cal. Ut.
58. liquida Csy. 18–282	L.I.	07. diffidens Csy. 18–306	Cal.
59. pimalis Csy. 18–283	Ariz.	08. leydeni Csy. 18–306	Id.
60. shoemakeri Csy. 18–283	L.I.	09. enervis Csy. 18–306	Pa.
61. pallida Csy. 84–5	L.I.	10. turbata Csy. 18–307	Colo.
62. politissima Csy. 18–284	L.I.	11. devincta Csy. 18–307	Conn.
63. texana Putz. 66–196	Tex. Ut. N.Mex.	12. wingatei Csy. 18–308	N.Mex.
64. harpalina Lec. 55–355 ?acutangula Putz. 66–194	Ut. IV.Mex.	13. oviformis Csy. 18–308 14. convexa Lec. 48–363	Colo. L.Sup.
65. shantzi Csy. 18–285	Colo.	15. polita Lec. 48–364	Colo. (Pa.?)
66. lubrica Csy. 18–286	N.J.	16. piceola Csy. 18–309	N.Mex. [Ind.
67. nigripennis Csy. 18–286	L.I.	17. impedita Čsy. 18–310	Wy.
68. volatilis Csy. 18–287	Va.	18. ebenina Csy. 18–310	Colo.
69. vegrandis Csy. 18–287	Wis.	19. castalia Csy. 18–311	N.Mex.
70. fluminea Csy. 18–287	Miss.	20. confusa Lec. 48–361	Colo. Kan.
71. crenulata Csy. 18-288 72. musculus (Say) 23-35	Minn. N.Y. N.C.	21. subpunctata Lec. 55–352	N.Mex. Colo. N.Mex.
72. musculus (Day) 20 00	Ala. Fla.? L.	22. æneolucens Csy. 18–302	L.Sup.
	Sup. Ariz. Ind.	23. crassispina Lec. 55–352	MassAla.
contempta Lec. 48–266	N.Y. Rocky	· · · · · · · · · · · · · · · · · · ·	L.Sup.
73. virginica Csy. 18–289	Va. [Mts.	24. parviceps Hayw. 08–54	L.Sup.
74. limbalis Csy. 18–289	N.C.	25. cœlebs Hayw. 08–58	B.C.
75. paulula Csy. 18–289 76. scintilla Csy. 18–290	L.I. Va.	26. brunnipes Mots. 59–154 27. protensa Putz. 66–183	Cal. H.B.T. Ind.?
77. brevitarsis Csy. 18–290	N.C.	28. littoralis Mann. 43–207	Alas. H.B.T.
78. rubrica Hald. 43–301	Tex. Colo. M.	plebeja var. Dej. 28–467	[Sib?
ferruginea Csy. 84–5	N.J. [St. Ind.		· ·
		III.	
Amara Bon. 09		29. basillaris (Say) 23–35	N.H. Va. Ind.
(? <i>Lirus</i> Zimm. 32–38)		lucidula (Dej.) 28-477	Md.
I.		marylandica (Csy.) 84–4	wid.
1379. perspecta Csy. 18–294	Cal. Is.	Triæna Lec. 48–365	
80. insignis Dej. 31–796	So.Cal. Alas.	1430. pallipes Kby. 37–39	L.Sup. R.I.
compacta Mots. 50–59		?depressa Lec. 48–365	[D.C. Va.
cærulea Mots. 59–153	0.01	31. shermani Csy. 18–315	L.Sup.
81. tarsalis Csy. 18–295	So.Cal.	32. longula Lec. 55–350	B.CSo.Cal.
82. insularis Horn 75–128 83. guadalupensis Csy. 18–295	Cal. Is. Cal Is	33. angustata (Say) 23–36	Can. Kan. N.Y. Ind.
30. guadatupensis Osy. 10-296) Gui. 15.	indistincta Hald. 43–300	Av. I. Ind.
II.		34. flebilis Csy. 18–316	L.Sup.
84. arcuata Csy. 18–296	L.I.	35. scitula (Zimm.) 32–32	Cal. Ut.
85. impuncticollis Say 23–36	U.S. Can. Fla.	36. uinta Csy. 18–317	Ut.
trivialis ‡ Dej. 28–464	[Alas. L.Sup.	37. afoveolata Hayw. 08–47	Cal. Vanc.
anthracina Hald. 43–300	[So.Cal. Ind. Miss.	38. vapida Csy. 18–317 39. profuga Csy. 18–318	Ut. Ariz.
86. difficilis Lec. 48–362 87. acuminata Csy. 18–297	N.Mex.	40. belfragei Horn 92–19	Tex.
or acammata osy. 10 201		201 20114 02 10	

LICININI

Leconte 48; Horn 80; Casey 13; Leconte 80

	us Latreille 22–85		Dicælus Bonelli.	NT 1 NT - 1 - 1		
	(Diplocheila Brullé 35)	Can. Mich. La.	1458. sculptilis Say 23–68 59. ocellatus Blatch. 12–77	MdMo. Ind. Ark.		
1441. 1	najor Lec. 48–418	Fla. Ind.	60. furvus Dej. 26–388	MoFla.?Ind.		
9 6	expansa Csy. 13–148	Ia.	61. carolinensis Csy. 13–150	N.C.		
	oblonga Csy. 13–148	Ĭa.	62. subtropicus Csy. 13–151	Fla.		
	aticollis Lec. 48–419	La. Fla. Ala.	63. crenatus Lec. 48–389	La. Tex. Ala.		
2.00		N.YNeb.Ind.		Fla.		
a. c	eliens Csy. 97–348	Kan.	64. ovalis Lec. 48–327	PaTexInd.		
	olanulata Csy. 13–149	Tex.	65. elongatus Bon. 13–447	Conn. N.Y		
	ssimilis Lec. 44–50	N.Y. Ga.	obscurus Lec. 48–429	[Tex. Fla. Can.		
43. i	mpressicollis Dej. 31–682	Pa. N.Y	opacus ‡ Lec. 48–429 (nec			
		Wash. Ind.	a. simplex Dej. 26–389	N. Am.		
	striatopunctatus Lec. 44–50		b. debiliceps Csy. 13–151	Pa.		
	obtusa Lec. 48–420	Colo. Ind.	66. ambiguus Laf. 41–48	N.YIll. Ind.		
	nupera Csy. 97–348	Fla.	a. opacus Laf. 41–43	Ala.		
40. a	alternans Csy. 97–347	L.Sup. Ind.	b. reflexus Lec. 48–330 c. turbulentus Lec. 63–12	Pa. Mo.		
Dicalı	us Bonelli 13–446		67. teter Bon. 13–449	N.Y. Va. O.		
	(Liodicalus Csy. 13–154)		a. ovipennis Csy. 13-152	N.C. [Ind.		
	evipennis Lec. 48–321	Colo. Ut.	68. politus Dej. 26–391	Can. N.Y		
	evanescens Csy. 13–154	Ariz.	leonardi Harris 28–	[Fla.? Ind.		
	(Dicalus s.s.)		a. angustus Csy. 13–152	Tenn.		
,	costatus Lec. 48–389	Tex.	Licinus Latreille 04–322			
	lilatatus Say 23–68	N.YTex.Ind.	1469. silphoides Fab. 01–190	Eur. Mass.†		
	lejeani Dej. 31–687	Title I Calling.	•	1241. 1.1455.		
0	quadratus Laf. 51–277		Badister Clairville 06-90	37.77. T. T. I		
	olanicollis Lec. 48–327	Ga.	1470. notatus Hald. 43–299	N.YLa. Ind.		
	plendidus Say 23–68	NebTex.	terminalis Lec. 44–51	GaInd.		
d	lecoloratus Lec. 48–325		71. pulchellus Lec. 48–418 72. bipustulatus Fab. 01–203	Eur. Vanc.		
	speciosus Csy. 13–152	N.Mex.	72. inpustulatus Pab. 01–203 73. maculatus Lec. 53–387	Pa. Ind.		
	ourpuratus Bon. 13–447	N.YFlaMo.	74. elegans Lec. 80–165	N.J. Tex. Fla.		
	chalybæus Dej. 31–683	[La. Ind.	75. obtusus Lec. 78–594	L.Sup.		
	confusus Lec. 48–324		76. ferrugineus Dej. 31–690	AlasCal.		
	ricolor Lec. 48–326		a. submarinus Mots. 59-158			
	riolaceus Bon. 13–447		77. anthracinus Lec. 59–83	Or. So.Cal.		
	yaneus Dej. 31–686 Juadratus Lec. 48–322	Fla. Ala.	78. flavipes Lec. 53–388	N.Y. La. Fla.		
	econtei Laf. 51–277	ra, Ala,	79. micans Lec. 43–52	L.Sup. Mass		
	earinatus Dej. 31–689	Ga. Fla. Ala.	80. laticeps Blatch. 10–118	Ind. [Fla. Ind.		
	alternans Dej. 26–387	Ga. Fla.	81. reflexus Lec. 80–166	Ind. N.Y.		
J u				Mich. La. Fla.		
	Platynini					

PLATYNIN

Leconte 79; Schaupp 83; Casey 13; Horn 92

	,	, = v	
Calathus Bonelli 09		Calathus Bonelli.	
1482. gregarius Dej. 28–76	N.Y. Fla.Tex.	d. longulus Csy. 13–158	Cal.
distinguendus Lec. 43–49	[L.Sup. Ind.	1486. guadalupensis Csy. 97–349	Guad. Is.
a. sonoricus Csy. 13–156	Ariz.		
b. alutaccus Csy. 13–157	Mo.	Pristodactyla Dej. 28-82	
83. ingratus Dej. 28–77	Nfld.Lab.Can.	1487. ambigens Bates 91–251	Ariz.
confusus Lec. 54–36	L.Sup. [Alas.	88. advena (Lec.) 48–217	Lab. N.H
incommodus Mann. 53-139	Alas.		Alas.
a. appalachius Csy. 13–157	N.C. N.J.	mollis (Esch.) 23–102	L.Sup. Alas.
b. labradorinus Csy. 13–158	Lab.	dulcis (Mann.) 53–141	Alas.
84. opaculus Lec. 54–37	Ind. M. S. W.	a. lenis (Mann.) 53–140	Alas.
	St.	89. impunctata (Say) 23-45	Nfld. N.Y. M.
a. obesulus Csy. 13–157	Kan.Tex.Miss.		St. Ind.
b. coloradensis Csy. 13–157	Colo.	americana Dej. 28–83	L.Sup.
c. reductus Csy. 13–158	Colo.	a. convexa Csy. 13–160	No. N.Y.
d. acomanus Csy. 13–158	N.Mex.	b corvina Lec. 48–217	Pa. Ga.
85. ruficollis Dej. 28–78	So.Cal. Cal.	90. dubia (Lec.) 54–38	Colo. N.Mex.
a. behrensi Mann. 43–195	Cal.	91. arizonica Csy. 13–160	Ariz.
b. quadricollis Lec. 54–37	Cal.	92. zuniana Csy. 13–161	N.Mex.
c. obscurus Lcc. 54–37	So.Cal. Cal.		

† Introduced.

D: 00 40		71.4	
Pristonychus Dej. 28–43 1493. complanatus Dej. 28–58 †	Eur. N. Am.	Platynus Bonelli b. viridis (Lec.) 48–222	Ind.
1130. Complanatus Dej. 20 00	L. Cal. So.Cal.	c. cyanescens Mots. 59–159	Cal.
94. terricola Hbst. Arch. 140†	Eur. N. Am.	d. simplex Lec. 54-46	So. Cal.
	N. S.,	1523. decorus (Say) 23–53	Ind. La. Can.
Rhadine Lec. 48-218	Mo	ob-ev (Loo) 48 992	Fla.N.YAriz.
1495. larvalis Lec. 48–219 (Cal?) 96. nivalis Horn 81–74	Mo. N. Mex.	obscurus (Lec.) 48–223 thoracicus Dej. 28–114	[L. Sup.
97. umbra Csy. 13–163	N. Mex.	a. testaceonotus Hausen 91–10	62
98. sublustris Csy. 13–164	Ariz.		Que.
99. dissecta Lec. 63–8	Ariz. Colo.	24. californicus (Dej.) 28–127	So. Cal.
1500. constricta Csy. 13–165	Tex. N. Mex. Ariz.	25. floridanus Lec. 78–374 26. texanus Lec. 78–374	Fla. Tex. Ariz.
01. jejuna Lec. 78–449	Ariz.Cal. Nev.	27. bicolor Dej. 28–126	Sib. Alas. Cal.
02. gracilenta Csy. 13–166	Cal. [Or.	marginellus Lec. 60–315	Cal.
03. caudata Lec. 63–7	D.C.Ohio Ind.	28. piceolus Lec. 79–52	H. B. TOr.
04. myrmccodes Horn 92–42 05. longipes Csy. 13–167	Ariz. N. Mex.	29. anchomenoides (Rand.) 38-	-2 B. C. - Pa.
06. anthicoides Csy. 13–167	N. Mex.	30. ferruginosus Dej. 28–128	Or. Cal.
Platynus Bonelli 09.		31. erasus Lec. 79–52	Alas. Vanc.
(Platynus s. s.)		32. sulcipennis Horn 81–75	Fla.
1507. hypolithos (Say) 23–59	N.Y.Ohio Ind.	33. aeneolus Lec. 54–45	Or. Cal.
erythropus Dej. 28–97	N	34. quadratus Lec. 54–50 35. funebris Lec. 54–45	So. Cal.
08. angustatus Dej. 28–98	N. YPa. N. C.	opacus Mots. 59–160	
09. gracilentus Beut. 03–517 10. agilis Lec. 63–6	So. Cal.	a. micans Mén. 44–57	Cal.
fragilis Lec. 54–41	20. 04.	36. clemens Lec. 63–8	N. S.
(Anchomenus Bon. 09)		(Agonum Bon. 09)	
11. stygicus Lcc. 54–42	Alas. Nfld.	37. errans (Say) 23–147	L. Sup
maurus Mots. 45–339	[Lab.	erythropus (Kby.) 37–28 a. subcordatus Lec. 50–250	[N. Mex. Ind. Ind.
a. octofoveolatus Mackl. 57–5	338	38. moerens (Dej.) 28–152	Atl. St. Ind.
angusticollis ‡ Kby. 37–23 12. ovipennis Mann. 43–196	Cal. Or.	39. tenuis Lec. 54–48	Mich. Nfld.
rotundipennis Mots. 45–34		40 -II. : (C.) 94 401 1	CanN.J. Ind.
13. decens Say 23–53	CanS. C.	40. collaris (Say) 34–421 41. mutatus G. & H. n. m.	S. St. Ind.
gagates (Dej.) 28–107	L. Sup. Ind.	atratus Lec. 50–205	CanPa. Ind.
coracinus (Lec.) 48–220 decentis (Say) 23–53		lævis Lec. 54–48	
14. sinuatus (Dej.) 28–108	N.YL. Sup.	molestus Lec. 66–347 42. melanarius (Dej.) 28–152	D.CMeOr.
	Nfld.Lab.Ind.	?scutellaris Say 23–146	[Ind. L. Sup.
a. depressus (Hald.) 43–299	L.Sup-Or. N.Y.	maurus (Hald.) 43–300	•
15. trifovcolatus Beut. 03–517		43. propinquus G. & H. n. m.	N. SMass.
16. opaculus Lcc. 63–8	M.&W.St.Ind.	piceus (Lec.) 48–226 44. fraterculus Lec. 69–373	Vanc.
17. tenuicollis (Lec.) 48–222	L. Sup.	45. languidus Horn 92–42	Ariz.
18. cincticollis (Say) 23–52	M.&S.St.Fla.	46. affinis (Kby.) 37–27	CanN.J. Ind.
?maculifrons (Say) 23–146 blandus Germ. 24–12	[Ind.	harrisi (Lec.) 48–225	TT D m T a
corvinus (Dej.) 28–109		47. carbo Lcc. 50–205	H.B.T. L.Sup. Ut. OrCan.
marginalis (Hald.) 43–299		48. corvus Lec. 60–319 49. frater Lec. 54–49	So. Cal. [Ind.
deplanatus (Chd.) 43–763 19. reflexus Lec. 79–55	M. St. Can.	?brevicollis Dej. 28–159	
marginatus (Lec.) 50–208		50. arizonensis Horn 92–42	Ariz.
20. parmarginatus Ham.93-30		51. metallescens Lec. 54–48 52. deceptivus Lec. 79–53	H.B.T. L.Sup. Lab. N. S.
*		32. deceptivus nec. 13/33	L. Sup.
21. brunneomarginatus Mann.		53. cupripennis (Say) 23–50	U.S.L.Sup.
	So. Cal. Ariz.	formosus Sturm Cat. 26–89	[Ind.
marginatus Mén. 44–56 tenebricosus G. & H. n. m.	68-377	nitidulus Dej. 28–143 a. subsericeus Lec. 63–8	Kan.
rugiceps Mann. 43–196		54. hardyi Chd. mss.Lec. 79–53	Nfld.
cinctellus Lec. 54–43		55. excavatus (Dej.) 28–169	M.&W.St.Ind.
a. bicoloratus G. & H. n. m. 6		56. ferreus (Hald.) 43–299	M.&W.St.Ind.
bicolor Lec. 54–43 22. extensicollis (Say) 23–54	Cal. CanAriz.	ocreatus (Hald.) 43–299 57. basalis (Lec.) 48–227	N.JKan. Ind.
proximus (Harris) 28–132	[L.Sup. Ind.	vagans Lec. 54–52	Indiana
a. obscuratus (Chd.) 43–763	La.	58. nutans (Say) 23–52	N.JInd. Kan.
elongatulus (Dej.) 28–112		femoratus (Dej.) 28–145	[Ariz.

	nus Bon. striatopunctatus (Dej.) 28-	167	Platy	nus Bon.	
	crenulatus Lec. 54–53	[Fla. Ala. Ind.	1582.	sordens Kby. 37–25	Lab. L.Sup.
1	decipiens (Lec.) 48–229			picicornis Lec. 60–319	N.W. B.C.
	albicrus Dej. 28–158	L.SupGa.		similis Kby. 37–27	Alb. Mich.
	picticornis Newn. 44–414	Fla. [Ind.		?fragilis Mann. 53–142	Alas.
		Kan. So.Cal.	84.	ruficornis Lec. 50–205	L.Sup. Alas.
02.	variolatus Lec. 49–178	So.Cal.		picipennis var. Kby. 37–25	Ind. (Ariz.?)
63	limbatus Mots. 45–21 sulcatus Dej. 28–131	Cal.	0.5	gratiosus Mann. 53–142	Alas.
	striatus Dej. 28–132	Cal.	85.	retractus (Lec.) 48–228	MassL.Sup.
	perforatus Lec. 63–9	H.B.T. Alas.	06	compllue I as 70 54	Nfld.
0	?impressus Panz. 97–17	Sib. Eur.		gemellus Lec. 79–54	Vanc. Ind.? D.CKan.
	v. splendidulus Mots. 45-13		01.	picipennis (Kby.) 37–25 lenum (Lec.) 48–223	[L.Sup. Ind.
66.	octopunctatus (Fab.) 98-55			elongatulus Hald. 43–300	լութար. ուս.
	• • • • •	Can. Ind.		dilutipennis Mots. 64–322	
67.	placidus (Say) 23–43	MeIll. Ind.	88.	lutulentus Lec. 54–34	N.YH.B.T.
	morosus (Dej.) 28–145		001	-u-u-u-u-u-u-u-u-u-u-u-u-u-u-u-u-u-u-u	Ind.
68.	fossiger (Dej.) 28–160	So.CalOr.	89.	nigriceps (Lec.) 48–259	L.SupB.C.
	famelicus Mén. 44-58			horni Ĥausen 90–235	Que.
	?brevicollis Dej. 28–159	4.1	$90\frac{1}{2}$.	cyanopsis Bates 82–94	Mex.Ariz.
60	robustus Mots. 59–158	Alas.	_	exaratus Mann. 53–143	Alas.
09.	fallianus Leng n.m. 18–203	So.Cal.	_	interstitialis Mots. 64–318	Alas.
70	deplanatus (Mén.) 44–57 cupreus Dej. 31–735	H.B.TL.Sup.	_	acuticollis Mots. 64–319	N.Am.
• 0.	chalceus (Lec.) 48–224	m.b.rm.sup.	_	iridipennis Mots. 64–321	La.
	protractus Lec. 54–55		_	planipennis Mots. 50–68	Alas.
	seminitidus Kby. 37–26		0.1	***	
71.	crassicollis Lec. 60–319	H.B.T.	91.	quadrimaculatus Horn 85–1	130
	vicinus G. & H. n.m.	Can. L.Sup.		(A l T	Ky. Ind.
	consimilis Lec. 54–57		0.0	(Anchus Lec. 54–38)	D (1) (1
73.	bogemanni (Gyll.) 08–697	Can. Or. D.C.	92.	obscurus Hbst. 84–139	Eur. Sib. Can
	obsoletus (Say) 23–57	[Ind. Eur. &		pusillus Lec. 54–39	Ill. Ind. [N.Y.
	luctuosus (Dej.) 28–172	[Sib. Nfld.Alas.		americanus Lec. 48–256	Vt.
	placidus ‡ (Lec.) 48–227	[L.Sup.		(Colpodes MacI. 25-17)	
74	strigicollis (Mann.) 52–294	109	93.	longiceps Schfr. 10–394	Ariz.
(4.	quadripunctatus (Dej.) 52-	Can. L.Sup.		, <u> </u>	
	octocolus Mann. 53–144	[Lab. Eur. Sib.		hopus Dejean 28–176	
	stigmosus Lec. 54–58	[Alas.		pictus Csy. 13–169	Wis.
75.	bembidioides (Kby.) 37–15		95.	parmatus (Say) 23–49	R.ID.C. Fla.
	cicatricosus Mots. 64–233	[Alas.			Can.Mich.
76.	albipes Fab. 94-33	Eur. Me.		cinctus Say 34–424	Ohio-Ind.
	*			iterans Csy. 13–170 micans Lec. 48–230	Ind. Ga. La.
77	æruginosus (Dej.) 28–168	Atl. St. Fla.		innuens Csy. 13–170	R.I.
•••	aragmosas (Dej.) 20 100	L.Sup. Ind.		filicornis Csy. 13–171	R.I.
78.	limbatus (Say) 23–49	S.CFla. La.		pusio Csy. 13–171	La.
	palliatus (Dej.) 28–174	Tex. [Ind.		brevicornis Csy. 13–171	Ill.
79.	crenistriatus Lec. 63–9	W. St. Ind.		·	
80.	rubripes (Lec. 68–244)	M. St. Kan.	Perig	ona Castelnau 35–151	
0.1	1.0 1.00 1.00 1.00	Ind.		(Trechicus Lec. 53–386)	
81.	punctiformis (Say) 23–58	L.Sup. Ga.		(Nestra Mots. 51–506)	
	f	Can. Ariz.Ind.	1.001	(Spathinus Nietn. 58–428)	Co Col Africa
	rufipes (Dej.) 28–173 foveicollis (Chd.) 43–764	[TexFla. La.	1001.	nigriceps (Dej.) 31–44	So.Cal.Africa Asia
	rotundicollis Sturm Cat. 43	–93 Neb	02	pallipennis (Lec.) 53–386	S.C. N.C. Ind.
	saltuum Sturm Cat. 26–89		02.	umbripennis (Lec.) 53–386	
		- "'		(===, ===	
		Anchon	ODERIN		
	Lachnophori			Anchonoderi	
Lach	nophorus Dej. 31–28			nonoderus Reiche 43–38	TD.
	elegantulus Mann. 43–215	Tex. Cal. So.	1606.	quadrinotatus Horn 78–53	Tex.
		Cal. Ariz.	07	?myops Reiche 43–39	Tor
	mediosignatus Mén. 44–62	~ .		unicolor Schfr. 10–395	Tex. L.Cal.
			08.	apicalis Horn 94–360	L.Cai.
Til com 3	antions II Ol 144			Atrani	
	orticus Horn 81–144	Ale N.C. Ele		nus Leconte 48–438	N.YD.C.
1004.	pubescens (Dej.) 31–30	Ala. N.C. Fla. L.Cal. Ga.	1009.	pubescens (Dej.) 28–122 obconicus (Hald.) 43–229	[Ind.
05	occidentalis Horn 91–38	So.Cal.	9	pallescens Csy. 13–172	Pa.
-00.	3034024445 220111 01 770	20.001.	a.	randodas objeto res	

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	CTENODA	CTYLINI	
Leptotrachelus Latreille 29-371 1610. dorsalis (Fab.) 01-229 a. pallidulus Mots. 64-218	N.Y.Fla. Kan. La. [Ind.	Comstockia Van Dyke 18–179 1611. subterranea Van D. 18–182	Tex.
	Odacai	THINI	
Casnonia Latreille 22–77 1612. pennsylvanica L. 58–620 suturalis Chd. 72–405	MassCal. Fla.Can.Mich. [Ind.	Casnonia Latreille 1613. ludoviciana Sallé 49–297 14. lengi Schfr. 10–395	PaLa. Ala. Ariz. [Fla.
	Drip	TINI	
Galerita Fabricius 01–214 1615. atripes Lec. 58–59 16. janus Fab. 01–136 americana Fab. 75–242 cordicollis Chd. 43–699	KanTex. Can. N.Y. KanFla. Ind. La.	Zuphium Latreille 06–198 1622. longicolle Lec. 79–62 23. americanum Dej. 31–298 24. mexicanum Chd. 62–314 25. magnum Schfr. 10–396	CalTex. La. ArizMex. Tex.
cyanipennis Dej. 31–293 17. caseyi Leng 18–203 thoracica Csy. 97–350 18. lecontei Dej. 31–294 californica Mann. 43–183	Fla. S.CCal. La. Ariz.	Pseudaptinus Cast. 35–50 (Diaphorus Dejean 31–30 1626. lecontei Dej. 31–301 27. tenuicollis Lec. 49–173 tenuicornis Chd. 72–6	0) Ga. Fla. La. TexCal.
19. infirma Csy. 97–350 20. bicolor Drury 70–94 anericana Dej. 25–187 borealis Castln. 35–35 dubia Lec. 53–48 longicollis Chd. 43–700	Ariz. N.YGa. Ind.	Thalpius Leconte 51–174 (Enaphorus Lec. 51–174) 1628. pygmæus Dej. 26–460 29. horni Chd. 72–3	Fla. La. Tex. TexSo.Cal.
a. obliqua Csy. 97–350 b. intermedia Csy. 97–351 21. mexicana Chd. 72–3 decipiens Horn 85–131	Fla. Iowa. Mex. Ariz.	30. dorsalis Brullé 34–181 31. rufulus Lec. 49–173	Ariz. D.C. La.Fla. So.Cal.
	AGR	INI	
Agra Fabricius 01–224 1632. oblongopunctata Chev. 36-	-183 Tex.		
	Egi	NI ·	
Ega Laporte 35–93 1633. sallei Chev. 39–308	La. Fla. Ala.	Ega Laporte 1634. laetula Lec. 49–173	Ariz, So.Cal,
	Leb	IINI	
Tetragonoderus Dejean, 29–483 1635. intersectus Germ. 24–28	Ga. Fla. Ala.	Lebia Latreille 1642. atriventris Say 23-13	Ind. E.M.&W.
lecontei Dej. 29–499 distigma Mots. 64–222 36. fasciatus Hald. 43–298 undulatus Lec. 63–6 37. latipennis Lec. 74–44 38. pallidus Horn 68–130	[Ky. Tenn. Mich. N.Y. So.Cal. Ariz. Cal. [Ind. Tex. So.Cal. Ariz.	43. tricolor Say 23–11 44. testacea Lec. 80–164 45. majuscula Chd. 70–141 46. atriceps Lec. 63–5 47. chloroptera Chd. 35–437	St. La. Fla. Can. Tex. [& M. St. TexS.Cal. Ariz.Kan.Neb. S.Am. (Fla.?)
Nemotarsus Leconte 53–377 1639. elegans Lec. 53–378	IllMd. Va. Ala. Fla.	(Lebia s.s.) 48. bitæniata Chev. 34–37 a. callizona Bates 78–607 49. pulchella Dej. 26–457 50. divisa Lec. 50–203 (Dictya)	Mex. Tex. Fla.CanTex. L.Sup.
* 1640. punctifera Lec. 84–2 (Loxopeza Chd. 70–117) 41. grandis Hentz 30–58	Ariz. (Lab.?) N.Y. S.&W.St.Ind. Ariz.	concinna Lec. 48–192 51. vivida (Bates) 84–298 52. cyanipennis Dej. 31–385 53. ruficollis Lec. 49–178 54. marginicollis Dej. 26–271 a. cupripennis Chd. 50–75 b. affinis Dej. 31–387 limbicollis Mots. 59–145	Ariz. So.Cal. So.Cal. N.&S.Am. Fla. [La.

Lebia		Can Aria N	Coptodera Dejean 25-273	M W % C C+
1000.	viridis Say 23–14	Can. Ariz. N. Am. Ind. La.	1688. ærata Dej. 25–277 viridipennis Gory 33–194	M.W.& S.St. [Ind. Fla.
	subopaca Schfr. 10–397	Fla. So.Cal. Ariz.	ruficornis Chd. 69–179 89. unicolor Chev. 34–40	MexAriz.
	moesta Lec. 50–203 cyanea Dej. 31–386	L.Sup. AlaTex. Fla.	obscura Casteln 35–51	
	smaragdula Dej. 31–387 cyanellus (Mots.) 46–42		Phlœoxena Chaudoir 69–145 1690. signata (Dej.) 25–275	S.CLa. Fla.
	rhodopus Sz. 78–354	Fla. Ind.?	collaris (Lec.) 48–197	
	pumila Dej. 31–388 floricola Harris 28–	Can. MeKan. Ind. Fla. La.	a. nigripennis Leng 15–587	Fla.
50	naculicornis Lec. 48–195 pleuritica Lec. 48–193	CanTex.	Dromius Bonclli 09 1691. piceus Dej. 31–353	Ind. Man.
60.	rufopleura Schfr. 10–398	Tex.	Tool. piccus Dej. of 300	N.Y. Ala.
62.	arizonica Schfr. 10–398 lecta Horn 85–131	Ariz. Fla.	a. quadricollis Lec. 59–82	L.Sup. So.Cal.
	bumeliæ Schfr. 10–399 viridipennis Dej. 26–452	Tex. CanTex. Fla.	(?Demetrias Bon. 09)	
	borea Hentz 30–256	Ind. [La. Mont.	92. atriceps Lec. 80-163	La. Ga.
	montana Horn 85–131 lobulata Lec. 63–5	Ind. Ohio, Va.	Apristus Chaudoir 46–62	
67.	ornata Say 23-13	La. Fla. L.Sup. U.S.	1693. cordicollis (Lec.) 48–190 94. subsulcatus (Dej.) 26–451	N.Y. Ind. CanN.Y.
	axillaris Dej. 31–372	Fla. La. Ind.	latens (Lec.) 48–191	Ariz? [Ind.
	marginella Dej. 31–373		fuscipennis Mots. 64–233 95. laticollis Lec. 49–176	So.Cal.
	apicalis Hald. 42–298 brunnea Hald. 42–298		subcyaneus Horn 94–360	L.Cal.
68. 69.	calliope Bates 84–231 collaris Dej. 26–456	Tex. M.&S.St.Fla.	Blechrus Motschulsky 47–219	
	nigripennis Dej. 31–373 scapula Horn 85–132	Ariz.	(Bomius Lec. ex parte) 1696. glabratus (Duft.) 25–248	Eur.& Am.
71.	analis Dej. 25–265	Ind. N.& S.St.	nigrinus (Mann.) 43–184 angustus (Lec.) 48–191	Ind. Ariz. So. [Cal.
	appendiculata Chd. 70–212 fuscata Dej. 25–270	[Fla. La. Can. Fla. Mo.	linearis (Lec.) 49–197 ?minutulus Goeze 77–665	L.Sup.
73.	frigida Chd. 70–242 rhodope Bates 83–231	Mass. [Ind. Tex. Mex.	97. lucidus (Lec.) 49–177	Colo. So.Cal.
	(Dianchomena Chd. 71–45)		98. pusio Lec. 63–6	La. Ind.
74.	abdominalis Chd. 43–104	Fla. Ga. Mo.	Metabletus SchGoeb. 46–38 1699. americanus (Dej.) 31–361	L.Sup. Ind.
75.	scapularis Dej. 31–377	Tex. Ind. Fla. M. St	borealis Zimm. 69–243	[Nfld. Ariz.
		Kan.Dak.Ind. L.Sup.	Axinopalpus Lec. 49–174	D 4 7 1
	?solca Hentz 30–255 flavovittata Chev. 34–161	Mass. ?Mex.	1700. biplagiatus (Dej.) 25–243 californicus Mots. 54–336	Bor. Am. Ind. [So.Cal. Ariz.
	miranda Horn 72–139	Ariz.	01. fusciceps Lec. 49–175	[Ala. TexSo.Cal.
	(Aphelogenia Chd. 72–405		nigriceps Lec. 80–164	Ariz.
77.	furcata Lec. 48–193	CanKan.So. Cal. Fla. La.	Tecnophilus Chd. 77-239	
	debiliceps Csy. 13–192 depicta Horn 85–133	Ind. Man. Mont.	(Philotecnus Lec. nec Mann 1702. croccicollis (Mén.) 44–51	n. 37–42) UtSo.Cal.
		N.Mex. Colo.	chloridipennis (Mots.) 50-3 a. ruficollis (Lec.) 51-176	
	sonomæ Csy. 13–191 vittata Fab. 01–202	Cal. Ind. PaTex.	b. nigricollis (Lec.) 51–176	Cal.
ล.	spraguei Horn 72–139	Fla. La. Tex.	c. pilatei Chd. 77–239 glabripennis Chd. 77–242	Tex.
b.	conjungens Lec. 48–194	N.Y. PaTex.	Euproctus Sol. 49–131	
83.	pectita Horn 85–133 histrionica Bates 83–240	Ariz.	1703. trivittatus (Lec.) 78–373	Fla.
	amnicola Csy. 13–192 guttula Lec. 49–178	Tex. Ariz. UtSo.	04. texanus Wickh. 97–109	Tex. L.Cal.
	bivittata Fab. 98–59	Cal. Ariz. W.& S.	Calleida Dej. 25–220 (Callida ‡ auct.)	
- 50.		St. Ind.	1705. circumcincta Bates 83–212	Tex.
87.	quadrivittata Dej. 25–268 bilineata Mots. 59–145	So.Cal.	06. platynoides Horn 81–55 07. viridipennis (Say) 23–9	Ut. Cal. Ariz. Fla. Ala.
_	sublimbata Mots. 64–226	N.Am.	marginata Dej. 25–222	

Calleida Dej.		Cymindis Latr.	
1708. striata Csy. 13–177	Fla.	1734. zuniana Csy. 13–181	Ariz. N.Mex.
09. deeora (Fab.) 01–181	Gulf. St. Fla.	35. aeomana Csy. 13–181	N.Mex.
eordieollis Putz. 45–373	Ia. Mex.	36. unicolor Kby. 37–14	Lab. L.Sup.
eyanoptera Lee. 58–59		hudsoniea Lee. 63–6	
10. punetata Lee. 48–189	N.YKan.Ind.	37. ealiforniea Horn 95–231	L.Cal.
11. fulgida Dej. 31–330	GaTex. Fla.	38. eribrieollis Dej. 31–311	N.Y. & N.W.
12. purpurea (Say) 23-10	N.YNeb.		So.Cal. Nfld.
smaragdina Dej. 25–225	[L.Sup.	reflexa Lee. 50–203	L.Sup.
eyanipennis Chd. 44–467		a. abstrusa Lee. 59–82	Wash.
13. punetulata Chd. 48–86	L.Cal. Tex.	39. rupimontis Csy. 13–183	Colo.
rugieollis Horn 94–361		40. marginata Kby. 37–13	B.C.
		41. altieola Csy. 13–183	N.H.
Philophuga Mots. 59–140		42. planipennis Lee. 63–6	Colo. N.Mex.
(Glycia ‡ auet. nee Chaud.	42-805)	49 11 1 0 10 104	Ariz. (Fla.?)
(Philopheuga ‡ auet.)	O TIT OL A	43. blanda Csy. 13–184	Ariz.
1714. amœna (Lee.) 48–188	S.W. St. Ariz.	44. brevipennis Zimm. 69–243	Kan.
horni Chd. 77–245	/IN	45. bipartita Csy. 13–185	Wy.
15. eanora Csy. 13–174	Tex.	46. pilosa Say 23–10	R.IPa. Ind.
16. viridieollis (Lee.) 48–188	Tex. (Fla.?)	pubeseens Dej. 25–215	MC NV'
?subeordata Chd. 77–246	Mex.	47. borealis Lee. 63–7	N.S. N.Y.
17. cærulea Csy. 13–174	Ariz.	48. negleeta Hald. 43–298 49. eribrata Lee. 59–2	N.Y. Pa. Neb. Kan.
18. viridis (Dej.) 31–325	Cal.	50. elegans Lee. 48–186	
eyanea (Mots.) 50–36 19. lauta Csy. 13–175	Cal.	51. venator Dej. 31–311	So. St. Fla. Pa. [Ala.
20. puella Csy. 13–176	Colo.	52. americana Dej. 26–446	N.J. Ind.
21. eastanea Horn 81–54	So.Cal.	52. americana 19ej. 20 440	14.0. 1114.
21. customed from or	DO. Car.	Apenes Lee. 52–174	
Plochionus Dej. 25–250		1753. lueidula (Dej.) 31–320	N.Y.
1722. pallens (Fab.) 75–244	Eur. & Pa.†	54. angustata Sz. 78–354	Fla.
bonfilsi Dej. 25–251	Fla. W.I.	55. opaea Lee. (49)–175	AlaGaFla.
valens Lee. 63–5	,	56. sinuata (Say) 23–8	FlaN.Y. La.
23. timidus Hald. 43–298	Can. N.J	a. ?pustulata (Dej.) 31–316	Tex. [Ind.
	AlaL.Cal.	57. nebulosa Lee. 79–364	Cal. Ariz.
94 J N. 40 99	Fla. Ind.	58. limbata Horn 95–232	L.Cal.
24. amandus Newn. 40–32	Fla.		
a. vittatus Lee. 44–48	Fla. & Ala.	Eucærus Lee. 53–386	T31 T 4.1
b. diseoideus Sp. 80–86 dorsalis Horn 82–146	Fla. & Ga.	1759. varieornis Lec. 53–387	FlaLa. Ala.
dolsans 110th 62 140		Pontagonias Salum Cook 46 4	7
Pinacodera Sehaum 60–294		Pentagonica SehmGoeb. 46-47 (Rhombodera Reiehe 42-5	
1725. limbata (Dej.) 31–320	CtFlaTex.	(Didetus Lee. 53–377)	110)
lævigata Mots. 64–297	Ala. [Ind.	1760. flavipes (Lee.) 53–377	N.J. IllFla
26. platieollis (Say) 23-14	N.JFlaTex.	1700. navipes (1.cc.) 55 577	Ariz. Ind.
eomplanata (Ďej.) 26–448	Ind. [La.	pallipes Lee. 83–377	L.Sup.
russata (Newn.) 40–31	Fla.	a. bicolor Lee. 63–7	W.St.
a. fuseata (Dej.) 31–321	Fla. Gulf St.	61. pietieornis Bates 83–217	Panama, Ariz.
27. punetigera (Lee.) 49–178	So.Cal. Tex.		,,
28. vireseens Dury 11–275	N.C. [Ariz.	Onota Chd. 72–165	×21
29. semisuleata Horn 80–40	L.Cal.	1762 floridana Horn 81–159	Fla.
30. suleipennis Horn 80–40	L.Cal.	Toma Dut- 09 71	
Cymindis Latr. 06–190		Inna Putz. 63–71 1763. texana Sehfr. 10–400	Tex.
1731. latieollis Say 34–413	Tex. & W. St.	1705. texana Senti. 10-400	ICX.
villigera Chd. 73–96	[Colo. Ariz.	Micragra Chd. 73-63	
32. evaneseens Csy. 13–179	Ut.	1764. ænea (Putz.) 45–374	Tex. C.&So.
33. arizonensis Sehfr. 10–400	Ariz.	1.01. 60.00 (1.00.0) 10 01.1	Am.
			•
	HELLU	ONINI	
Hallyomorpha Lag 40, 47	11111110		
Helluomorpha Lap. 40–47	Ga.	Helluomorpha Lap.	Tow Ind
1765. nigripennis (Dej.) 31–408	Fla. Tex.Ariz.	1771. texana Lee. 53–374	Tex. Ind.
66. ferruginea Lee. 53–373	Tex.	72. latitarsis Csy. 13–189	Ariz.
67. languida Csy. 13–190	Ala. Ga. Fla.	73. papago Csy. 13–190	Ariz.
68. elairvillei (Dej.) 31–406 69. præusta (Dej.) 25–289	Ga. Fla.		
70. bieolor Harris 28–117	MassKan.		
latieornis Dej. 31–407	[Ind.		
pubeseens Klug 34–77	Įm.		
1 2 8 0 2			

[†] Introduced.

CARABIDÆ

Harpalinæ Unisetosæ Brachinini

DRACHININI				
	Lcconte 62;	Chaudoir 68		
Brachinus Web. 01–22 (Brachynus ‡ auct.) 1774. americanus Lec. 44–48 75. janthinipennis (Dej.)31–412 76. viridipennis Dej. 31–426 viridis Lec. 44–49 lecontei Lec. 44–49 a. perplexus Dej. 31–426 77. pulchellus Blatch. 10–161 78. minutus Harris 28–117 pumilio Lec 48–208 79. medius Harris 28–117 80. quadripennis Dej. 25–316 ncglectus Lec. 44–49 81. tenuicollis Lcc. 44–49 82. conformis Dej. 31–427 patruelis Lec. 44–50 83. cyanipennis Say 23–143 84. gracilis Blatch. 10–160 85. lateralis Dej. 31–424 86. alternans Dcj. 25–316 87. deyrollii Laf. 41–42 strenuus Lec. 44–48 a. tormentarius Lec. 48–200 88. ballistarius Lec. 48–199	Fla. S. & W. 2M. St. [St. S. St. Ga. Ga. S. St. Ind. (Fla.?) M. St. N.Y. N.Eng. Ind. S.& W.St. Fla. N Am. M.S.& W. St. N.Y. Fla. Ind. Ind. Fla. S. St Ariz. So.Cal. S. St. Fla. Tex. S. St. S. & W. St. N.Y. M. W. St. N.Y. M. W. St. N.Mex.	Brachinus Web. cyanopterus Lec. 44-49 sufflans Lec. 48-204 librator Dej. 31-425 a. similis Lec. 48-199 1790. cordicollis Dej. 26-466 velox Lec. 48-206 ?cephalotes Dej. 25-317 91. rugipennis Chd. 68-297 92. puberulus Chd. 68-294 93. phæocerus Chd. 68-300 94. stygicornis Say 34-415 95. kansanus Lec. 62-524 96. fidelis Lec. 62-524 97. tschernikhi Mann. 43-184 puncticollis Lec. Mss. 58- 98. carinulatus Mots. 59-139 glabripennis Lec. Mss. 58- 99. costipennis Mots. 59-138 lecontei Mots. 59-139 — affinis Lec. 48-204 — ovipennis Lec. 62-525 — rejectus Lec. 62-525	Ariz. ArizSo.Cal. 28 ArizSo.Cal. Cal. Ind. M. & S. St. M.& W.St. Kan. Mex. N.Mex.	
89. fumans (Fab.) 81–307	Atl. St. Fla.		Ariz.	
Broscini				
Miscodera Esch. 30-63		Miscodera Esch.		
1801. arctica Payk. 00–85 americana Mann. 53–134	No. Eur.&Am. Me. ISup. Alas.	hardyi Chd. 61–525 1802. insignis Mann. 52–296	Nfld. Alas.	
	ZAC	INITO		
Zacotus 69–373				
1803. matthewsi Lec. 69–373	VancNo.Cal.			

CHLÆNIINI

Horn 76; Cascy 14

Chlæ	nius Bon. 09		Chlæ	nius Bon.	
1804.	chrysopleurus Chd. 56–276	Mex. Ariz.		texanus Horn 76–261	Tex.
	validus Chev. ‡		17.	pennsylvanicus Say 23–66	CanCal. Ind.
	pimalicus Csy. 14–38	So. Ariz.		vicinus Dej. 31–659	Ariz.
06.	tomentosus (Say) 23–60	E. of Rocky		pubescens Harris 28–	La. (Fla.?)
		Mts. Ind. Fla.		aureliensis Laf. 51–248	
	luctuosa (Gcrm.) 24–10	[La.		fulgiçeps Newn. 38–490	
a.	amplus Lec. 56–29	Ga.	18.	floridanus Horn 76–263	Fla.
	zunianus Csy. 14–38	N.Mex.	19.	brevilabris Lcc. 48–337	IllN.Mex.
08.	purpuricollis Rand. 38–35	N.EngKan.		amœnus Chd. 56–282	Ind.
09.	alternatus Horn 71–327	H.B.T. [Ind.		consimilis Lec. 48–337	
10.	niger Rand. 38–34	NfldLa. Ind.	20.	texanellus Csy. 14–37	Tex.
	exaratus Laf. 51–249		21.	tricolor Dej. 26–334	CanSo.Cal.
a.	ludovicianus Leng. 15–592	La. Fla.		vigilans Say 34–419	[Fla Ind.
11.	interruptus Horn 76–259	Or.		quadricollis Kby. 37–22	
12.	harpalinus Esch. 29–27	So.Cal.		chalybeipennis Chev. 34-72	2
13.	insperatus Horn 85–134	Ariz.		atripennis Lec. 48–336	
14.	impunctifrons Say 23–64	CanTex. Fla.	22.	nemoralis Say 23–65	Mich. Can
	•	La. Ind.			Tex. Fla. Ind.
15.	perplexus Dej. 31–655	Gulf St.		longicollis Chd. 43–752	
	circumcinetus Say 34-418	Fla.	a.	oxygonus Chd. 43-753	
	virens Chd. 43–753		23.	glaucus Lec. 56–28	So.Cal.
	pœyi Chev. 63–194	Cuba.		sericinitens Chd. 56–284	

Chlænius Bon. 1824. simillimus Chd. 56–283	Cal.	Chlænius Bon. 1844. eursor Chev. 34-168	Mex. So.Cal.
vicinus ‡ Mann. 43–193 25. nebraskensis Lee. 56–28	DakTex.	sparsus Lee. 63–12 45. chaudoiri Horn 76–270	MexFla.
26. variabilipes Eseh. 29–27	Nev. Ariz. So.Cal.	46. serieeus Forst. 71–58	U.S. & Can. Ind.
asperulus Mén. 44–55 obseurus Lec. 49–179 27. vafer Lee. 52–66 28. flaccidus Horn 76–265 29. obsoletus Lee. 49–180 ?rogator Mots. 59–157	Tex. Tex. So.Cal. Ariz.	a. perviridis Lee. 48–434 b. regularis Lec. 49–179 e. apaeheanus Csy. 14–34 d. uteanus Csy. 14–35 47. fuseicornis Dej. 31–147 48. erythropus Germ. 24–11 49. viridifrons Eseh. 29–27	Roeky Mts. So.Cal. Ariz. Ariz. So.Cal. Ut. IllLa.Fla. La. N.JFla. La. So.Cal. [Ind.
30. solitarius Say 23–65 chlorophanus Dej. 31–662 31. leueoscelis Chev. 34–71 monaehus Lee. 49–180	CanL.Cal. Ind. Mex.& U.S. Ariz. Ind.	50. herbaeeus Chev. 34–188 patruelis Lee. 44–135 51. nimrod Horn 96–372 52. rufieauda Chd. 56–194 apiealis Lee. 49–179	GaMex. Fla. S.Dak. So.CalMex. [Ariz.
a. eordicollis Kby. 37–22 32. sanantonialis Csy. 14–36	So.Cal. Can. L.Sup. Tex.	postieus Lee. 58–390 dimidiatus Mots. 58–157	
33. gilensis Csy. 14–35 34. prasinus Dej. 26–345	Ariz. Ind. M. St Colo. Fla.	53. maxillosus Horn 76–260	Fla.
smaragdinus Chd. 43–755 35. eumatilis Lee. 31–179 a. sparsellus Csy. 14–37 36. augustus Newn. 38–490 37. viduus Horn 71–325 38. æstivus Say 23–62	So.Cal. Ariz. Ga. Fla.? Mo. Ind.M.St.	Anomoglossus Chd. 56–192 1854. deleetans Csy. 14–39 55. gravis Csy. 14–40 56. emarginatus (Say) 23–63 57. amœnus (Dej.) 31–648	Cent. N.Y. Miss. R.IFlaInd. Ariz. L.Sup. Ga.
cobaltinus Dej. 26–331 eongener Lee. 44–51	Fla.	58. pusillus (Say) 23–63 elegantulus (Dej.) 26–367 feisthameli (Laf.) 51–248	N.YIa. Ind. [Fla.La.L.Sup.
39. sierrieola Csy. 14–36 40. platyderus Chd. 56–280 41. diffinis Chd. 56–279	Cal. IllN.Mex. M. St. Ind.	59. nanulus Csy. 14–41 — cœruleieollis Chd. 76–78	La. Mex. Ariz.?
latieollis ‡ Lee. 56–25 42. latieollis Šay 23–64	N.YAriz. Fla.	Brachylobus Chd. 76–287 1860. lithophilus (Say) 23–62	N.YTex.Ala. L.Sup. Ind.
rufipes Dej. 26–331 brcvieollis Lee. 56–332 braehyderus Chd. 56–279 43. orbus Horn 71–326	Ind. Tex.	viridanus (Dcj.) 31–660 sınaragdiger (Mots.) 64–338 a. indigaeeus Csy. 14–41 61. caurinus Horn 85–134	
49. Orbus 110111 / 1-020			Cai.
	Oodii Horn 7		
Lachnocrepis Lee. 53–391 1862. parallelus (Say) 34–420	N.Y. Ga. Mo.	Oodes Bon. 1869. fluvialis Lee. 63–13	Ill. Ind.
Anatrichis Lee. 53-391	CanFla. La. Ind.	(Stenous Chd. 57–39) 70. cupreus Chd. 43–761	Pa. Fla. La.
1863. minuta (Dej.) 31–677 (Oodinus Mots. 63–353)	Fla. D.CTex. La. Ind.	71. duodecimstriatus Chev. 34-	
(Oodiellus Chd. 82–322) 64. pieea (Mots.) 63–353 mexicanus Chd. 82–323	So.TexBraz. [Fla.	leeontei Chd. 57-41 quatuordeeimstriatus ‡ Lee 72. elegans Lee. 49-180	FlaAlaLa. Ariz. So.Cal.
65. oblonga Horn 91–37 ?longula Bates 82–48	So. Tex. Guat.	(<i>Crossoerepis</i> Chd. 57–48) 73. quatuordeeimstriatus Chd.	
Stenocrepis Chd. 57-45 1866. ehalcas Bates 84-47 ehaleoehrous Chd. 82-487	So. Tex.	pieipes Lec. 44–52 stenoeephalus Lap. 54–271 74. sehaumi Chd. 82–346 75. mexicanus Chev. 34–102	La. Tex. Ind. [Fla. N.Mex. La.
Oodes Bon. 09 1867. amaroides Dej. 31–674	Fla. N.YTex. La. Ind.	texanus Lee. 63–13 Evolenes Lee. 53–392	Tex.
68. americanus Dej. 26–377	N.YGaFla. La. Ind.	1876. exarata (Dej.) 31–678 77. impressa Lec. 53–392	Fla. Ga. Ala. La.

HARPALINI

Casey 1914

Dapti		Harpalus Latr.	
Geopinus Lec. 48–271		(Harpalomerus Csy. 14–76) UtAriz.
1878. incrassatus (Dej.) 29–21	N.Y. Ind. L.Sup.	1904. amputatus Say 34–432 stephensi Kby. 37–45	UtMIZ.
a. fluviaticus Csy. 14–52	Iowa Kan.	rotundicollis Kby. 37–44 05. transversus Csy. 14–77	N.Mex.
Piosoma Lec. 48–374	Colo. N.Mex.	06. papagonalis Csy. 14–77	Ariz.
1879. setosa Lec. 48–375	Ariz.	(Harpalus s. str.)	
80. brcvipennis Csy. 14–54	?	*	
81. alternata Lec. 63–13	Ark.	07. vagans Lec. 65–102	Ind. Mo.
Nothopus Lec. 52-67		08. actiosus Csy. 14–79 09. haldemani Csy. 14–79	IaMo. Pa. L.I.
(Euryderus Lec. 48–151)	A	10. erythropus Dej. 29–258	N.HMo. Ind.
1882. valens Csy. 14–55	Ks. Ia. L.Sup. [Ind. Cal.	11. rufopiccus Csy. 14–80	Man. Mo.
?grossus (Say) 34–430 83. obtusus Csy. 14–56	Colo.	12. deludens Csy. 14–80	Iowa.
84. zabroides Lec. 48–152	Tex. Colo.	13. effetus Csy. 14–81	L.I.
a. privatus Csy. 14–56	Tex.	14. fenisex Csy. 14–81	Mo.
85. arizonicus Csy. 14–56	Ariz.	15. compar Lec. 48–295 bicolor Dej. nec Fab.	R.IInd. Fla. [L.Sup. Ind.
Cratacanthus Dej. 29-40		pennsylvanicus Say nec De	
1886. dubius (Beauv.) 05–8	N.JAriz.Ind.	16. liobasis Chd. 68–170	Pac. Coast.
pennsylvanicus Dej. 29–41 bisectus Csy. 84–74	Pa. ·	17. pubitarsis Csy. 14–82 18. nactus Csy. 14–82	Ill. Ariz.
litoreus Csy. 84–74	N.J.	19. texanus Csy. 14–83	Tex.
87. texanus Csy. 84–75	Tex. Ia. Ariz.	20. longicollis Lec. 48–296	Pa. Ind.
88. subovalis Csy. 14–59	Ga. Fla.	?longior Kby. 37–43	R.I. N.Y.
89. cephalotes Csy. 14–59	Mo.	21. dolosus Csy. 14–84 22. faunus Say 23–28	R.IMo. Ind.
Glanodes Csy. 14-60		badius Dej. 29–254	
1890. obliquus (Horn) 79–140	N.Mex. Ariz.	23. thoracinus Csy. 14–85	?
91. puncticeps Csy. 14–61 92. corpulentus Csy. 14–62	Ariz. Ut.	24. protractus Csy. 14–85 25. pennsylvanicus DeG. 52–10	Mo. 08
93. regressus Csy. 14–62	Ariz.		R.I. Fla. Colo.
Harpali		bicolor Fab. 75–241	[Can. La.Ariz.
Opadius Csy. 14–66		faunus Dej. nec Say a. mormonicus Csy. 14–86	Ut.
1894. cordatus (Lec.) 53–381	So. Ariz.	26. convivus Lec. 65–102	N.Y. N.C.
Dhamalum C 14 60		27. abstrusus Csy. 14–87	R.I.
Pharalus Csy. 14–68 1895. testaceus (Lec.) 53–385	Ind. Ill. Ia. Mo.	28. pimalicus Csy. 14–87 29. cgregius Csy. 14–88	Ariz. Colo.
		alienus Lec. 79–508	
Harpalus Latr. 04–325 (Megapangus Csy. 14–71)		**	
1896. caliginosus (Fab.) 98–57	Ind. MeCal.	30. patronus Csy. 14–89	La.
1000: canginosus (1 ab.) 50 01	[Tex. Fla.Ariz.	31. solutus Csy. 14–90 32. providens Csy. 14–90	N.H. N.J.
(Pleetralidus Csy. (14–72)		33. viduus Lec. 65–103	Ill. Ind.
97. erraticus Say 23–27	R.IInd.	34. laticeps Lec. 50–208	Wis. L.Sup.
98. caudalis Csy. 14–73	N.YNeb.	35. montanus Lec. 65–102 36. rufimanus Lec. 48–302	Colo. [Ind. L.Sup. Nfld.
99. collucens Csy. 14–73 1900. acomanus Csy. 14–73	N.Mex. N.Mex.	37. megacephalus Lec. 48–297	L.Sup. Lab.
01. retractus Lec. 63–13	N.Mex. Ariz.	38. recisus Csy. 14–93	Wis. N.J.
impiger Lec. 54–79	Ania	39. crenatellus Csy. 14–94 40. oregonensis Csy. 14–94	Cal. Or.
02. rectangulus Csy. 14–74	Ariz.	41. cautus Dej. 29–367	CalOr.
(Harpalophonus Gangl. 92		advena Lec. 49–185	Cal.
03. viridiæncus Beauv. 05–108 viridis Say 23–31	Nfld. Fla.	deflexus Walk. 66–316 42. persolus Csy. 14–96	Vanc. Or.
assimilis Dej. 29–272		43. macilentus Csy. 14–96	Colo.
canonicus Csy. 84–11	R.I.	44. pleuriticus Kby. 37–41	VtL.Sup.
convictor Csy. 84–11 ænescens Csy. 84–11	L.I. R.I. L.I.	45. futilis Csy. 14–97 46. intactus Csy. 14–97	Cal. [Nfld. Cal.
lustralis Csy. 84–11	N.Y.	47. carbonatus Lec. 60–319	H.B.T.

Harp	alus Latr.			alus Latr.	
1948.	fugitans Csy. 14–98	B.C.			Ut.
	foveicollis Lec. 48–299	MeN.B.			L.Sup.
	recensus Csy. 14–99 æquabilis Csy. 14–100	Lab. Mich. Colo.			Colo. Nev. Ut.
	laseivus Csy. 14–100	B.C.			Or.
	pumilio Csy. 14–100	Wis.			H.B.T. L.Sup.
	perspieuus Csy. 14–101	Colo.	_	oodioides Chd. 68–168	H.B.T.
	lividulus Csy. 14–101	Wis. N.Mex.		****	
96.	herbivagus Say 23–29	Ind. L.I. Va. Neb. Mich.	07	(?Ophonus Steph. 28–67)	T 1 C
	,	Ariz. Nfld.Fla.		spadieeus (Dej.) 29–336 carolinæ Schfr. 10–402	Ind. Ga. N.C.
		Can. Kan.	-	eoinis Hald. 43–301	Pa.
	mutabilis Hald. 43–301				1 0.
a.	proximus Lec. 48–298	Lab. L.Sup.	_	curtatus Mann. 53–124	Alas.
57	fallax Lec. 59–2	Nfld. N.Mex. Colo.		(Pteropalus Csy. 14-131)	
97.	Tanax 1.ec. 59-2	Kan.	09.		Ind. Mo.
58.	innocuus Lec. 63–17	Alas. L.Sup.		nigripennis Dej. 29–260	
	placidus Csy. 84–10	L.I. N.J. Me.			N.YMo. Ind.
	mansuetus Csy. 14–104	Cal.		firicolor Say 34–432	Ma
	somnulentus Dej. 29–333	CalAlas.		·	Mo. So. Tex.
	pellax Csy. 14–105	Wy.		•	DO. ICA.
	seclusus Csy. 14–106 opicus Csy. 14–106	Colo.		Selenophori	
	peritus Csy. 14–107	Nev.	Selen	ophorus Dej. 29-80	
	celox Csy. 14-107 & 18-414	_		(Hemisopalus Csy. 14–135)	
	gemmeus Csy. 14-108	Ill.	2013.		Mieh. N.J
	opacipennis (Hald.) 43–301				Ind. N.C. L.
	plenalis Csy. 14–108	N.B. N.Mex.	14		Sup. Fla. So.Tex.
	latebricola Csy. 14–109 nitidulus Chd. 43–788	Va. O. Mo. La.		depressulus Csy. 14–137	Fla.
	intidulus Chd. 49 700	Fla. Ind.	10.	?iripennis (Say) 23–30	Pa. Fla.
72.	paululus Csy. 14–110	Colo.		varicolor Lec. 48–292	Ga.
	lacustris Csy. 14–111	Wis.		vigilans Csy. 14–137	Fla.
	coloradensis Csy. 14–111	Colo.	17.		Ind. R.I. N.Y.
	ellipsis Lec. 48–300	N.Mex. Ariz.		maurus Hald. 43–306 viridescens Lec. 48–292	Pa. [Fla. N.Y.
	vespertinus Csy. 84–10 mobilis Csy. 14–112	Ariz. [La. Colo.	18.	discoderoides Schfr. 10–404	
		Alas.Lab.Nfld.		concinnus Sehfr. 10–403	Ariz.
		L.Sup.		angulatus Csy. 14–139	So.Tex.
_	ventralis Lec. 48–299	Colo.		semirufus ‡ Sehfr. nec Bates	
	***			delumbis Csy. 14–140	Fla. La. Fla.
	funcstus Lec. 48–302	Colo. Ariz.	24.	subtinetus Lec. 66–365	
~ -	stupidus Lee. 59–3	N.Mex.		(Celiamorphus Csy. 14-141)	
	lcwisi Lee. 65–103 æsopus Csy. 14–117	Mieh. Can. N.Y.		ovalis Dej. 29–106	Fla. So. Atl.
	lecontei Csy. 14–117	N.Mex. Colo.		fossulatus Dej. 29–88	Fla. N.C. N.J.
	oblitus Lec. nec Dej.	[Ariz.		opaculus Csy. 14–143 ellipticus Dej. 29–108	N.YIllTex.
84.	fraternus Lec. 65–103	UtB.C. Ariz.		puliearius Dej. 29–108	[Ind. Fla.
0=	occidentalis Chd. 68–168	TTA		granarius Dej. 29–109	
	uteanus Csy. 14–118 clandestinus Lee. 78–450	Ut. Colo.		currens Csy. 14–143	N.Y.
	furtivus Lec. 65–103	Colo. N.Mex.		contractus Csy. 14–144	N.C. Tex.
	probatus Csy. 14–119	N.Mex.	29.	adjunctus Csy. 14–144	rex.
	nitescans Csy. 14–119	N.Mex.		(Selenophorus Dej. s. str.)	G 10 G
	clientus Csy. 14–120	N.Mex.	30.	palliatus Fab. 98–58	Gulf St.
	malacus Csy. 14–121	N.Mex.		stigmosus Germ. 24–25	Fla.
	illectus Csy. 14–121	Ut. N.Mex.	31	impressus Dej. 29–82 chokoloskei Leng 15–596	So. Fla.
	nugax Csy. 14–122 albionieus Mann. 43–213	Cal.		famulus Csy. 14–146	Ariz.
	vacivus Csy. 14–123	N.Mex.	33.	læsus Lcc. 58–59	Tex.
	lustrans Csy. 84–64	WyAriz.Kan.	34.	planipennis Lee. 48–394	Colo.
	lucidus Lec. 65–104			otiosus Csy. 14–148	Ariz.
	socors Csy. 14–124	Ariz.		maritimus Csy. 14–148	Tex.
98.	descrtus Lee. 59–3 ?ochropus Kby. 37–42	N.Mex. Colo. Can.?		cupreolus Csy. 14–149 troglodytes Dej. 29–101	N.J.
99.	curticornis Csy. 14–124	Colo.		pedicularius Dej. 29–100	L.IVa. Fla.
	gravis Lee. 58–60	Tex.		æreus Lcc. 48–293	Mo. [Ind.La.
	oppositus Csy. 14–125	Cal.		puellus Putz. 78–40	(U.S.?)

Selenophorus Dej. 2040. riparius Csy. 14–150 41. scolopaceus Csy. 14–150 42. houstoni Csy. 14–151 43. implicans Csy. 14–151 44. æneopiceus Csy. 846–13 45. fatuus Lec. 63–17	Miss. Colo. Tex. La. Tex. Ariz. Tex. Tex. Fla.	Triplectrus Lec. 2080. modicus Csy. 14–178 81. texanus (Schfr.) 10–404 82. anthracinus (Dej.) 29–369 83. opaculus Lec. 63–16 elongatus Chd. 68–13	Tex. Tex. Tex. Tex.
46. mustus Csy. 14–152 excisus Lec. 78–377 47. blanchardi Manee 15–175	Fla. N.C.	(Gynandrotarsus Laf. 41–2984. harpaloides Laf. 41–203	03) N.C. Mo.
* 48. breviusculus Horn 80–181	Okla.	Cephalogyna Csy. 18–414 2085. lodingi (Schfr.) 11–114	Ala.
Selenalius Csy. 14–153 2049. cordicollis (Horn) 91–34 50. parilis Csy. 14–155	Ariz. Tex.	Anisodactylus Dej. 29–132 2086. furvus Lec. 63–14	Ga. N.C. Mo. [Ind.
Gynandropus Dej. 31–817 2051. hylacis (Say) 23–31 americanus Dej. 31–818 52. elongatus Lec. 48–308 Discoderus Lec. 53–381	R.I. N.J. N.Y. [Ind. Ga. Fla.	87. harrisi Lec. 63–14 88. nigerrimus Dej. 31–842 laticollis Kby. 37–43 punctulatus Lec. 63–14 opacus (Csy.) 84–8	Mich. R.I Neb. NfldPa. Ind. L.I. Va.: Ind [N.Eng.
2053. impotens (Lec.) 58–14 54. obsidianus Csy. 14–158 55. amœnus Lec. 63–14	TexAriz. ?Ariz. N.Mex. Ut. Ariz. So.Cal.	89. melanopus Hald. 43–302 agricola Lec. nec Say 90. nigrita Dej. 29–149 interpunctatus Lec. nec Kl	
56. robustus Horn 83–52 a. piceus Csy. 14–159 57. crassicollis Horn 91–35 58. pinguis Csy. 14–160 59. subviolaceus Csy. 14–161 60. symbolicus Csy. 14–161 a. longicollis Csy. 14–161 a. longicollis Csy. 14–162 62. congruens Csy. 14–162 63. tenebrosus (Lec.) 48–391 64. parallelus (Hald.) 43–301 americanus Mots. 59–137 65. hesperus Csy. 14–163	Ariz. Ariz. Ariz. Ariz. Ariz. Ariz. Ariz. Ariz. Tex. Tex. Tex. Ariz. N.Mex. N.J. Va. Ia. ? [Ind. Kan.Tex.Colo.	91. interpunctatus Kby. 37–42 lecontei Chd. 68–117 nigrita Lec. nec Dej. 92. agricola Say 23–33 striatus Lec. 48–280 paradoxus Hald. 43–302 93. incisus Csy. 14–185 94. semipunctatus Lec. 59–83 95. solidus Csy. 14–186 96. incertus Csy. 14–186 97. sericatus Csy. 14–187 98. consobrinus Lec. 49–183 brevicollis Lec. 49–183	Mo. Kan. Ind. Ill. Tenn. Ga. Colo. [Mich. Cal. So.Cal. Cal. Cal. Cal. So.Cal. Col. So.Cal.
Hartonymus Csy. 14-165 2066. hoodi Csy. 14-167 Stenomorphi	III.	99. obsolescens Csy. 14–188 2100. angustus Csy. 14–188 01. oregonus Csy. 14–189 02. californicus Dej. 29–148	Cal. Cal. Cal. Or. Id. So.Cal.
Stenomorphus Dej. 31–696 (Agaosoma Mén. 43–63) 2067. rufipes Lec. 58–59 68. scolopax Csy. 14–169 69. californicus Mén. 44-63	MexTex.? Ariz. Tex. Kan. Cal.	confusus Lec. 49–182 03. sinuatus Csy. 14–190 04. paganicus Csy. 14–190 05. humeralis Csy. 14–190 06. amaroides Lec. 49–184	Or. Ut. Nev. So.Cal. No. Cal.
Anisodactyli Triplectrus Lec. 48–381 2070. carbonarius (Say) 23–32 luctuosus (Dej.) 29–151 rufipennis Lec. 48–381 71. rusticus (Say) 23–32 tristis (Dej.) 29–158 a. haplomus Chd. 68–13 72. crassus Lec. 48–282 gravidus Lec. 48–283	L.IMo. Ind. L.I. R.IAriz. Ind. N.C. (Fla.?) ? N.YN.C. N.Y.	(Aplocentrus Lec. 48–385) (Haplocentrus ‡ auct.) 07. cœnus Say 23–34 subæneus Lec. 48–285 obscurus Lec. 48–286 08. lætus Dej. 29–154 2109. similis Lec. 49–183 puncticollis Chd. 68–11	Ind.D.CKan. N.Y. Mass. N.JD.C Tex. Fla. Or. Vanc.
73. pinguis Lec. 48–282 74. æthiops Csy. 14–175 75. merula Gcrm. 24–24 76. peropacus Csy. 14–176 77. convexus Csy. 14–176 78. ovularis Csy. 14–177 79. dulcicollis Laf. 41–44 ellipticus Lec. 48–284	Colo. Tex. VaFla. Tex. D.CTex. Ariz. Mo. Kan. Miss. La. Tex. Tex.	Xestonotus Lec. 53-383 2110. lugubris (Dej.) 29-118 manhattanis (Csy.) 84-9 Amphasia Newn. 38-388 2111. interstitialis (Say) 23-57 fulvicollis Newn. 38-388 obscuripennis (Dej.) 29-24	Ind. R.IIa. Staten Is. L.IMo. Ind.

Pseudamphasia Csy. 14-195		Anisotarsus Chd.	
2112. sericea (Harris) 28–117	R.IL.Sup - La. Ind. Can	2142. delicatus Csy. 14–214 43. nitidipennis Lcc. 48–288	N.C. Fla. Ga. Ind.
femoratus (Dej.) 29–224	[Neb.	a. cephalus Csy. 14–215 b. tenuitarsis Csy. 14–215	Fla. Fla.
Dicheirus Mann. 43–211 2113. strenuus Horn 68–130	Cal.	Spongopus Lec. 48–277	,
14. dilatatus (Dej.) 29–241 hirsutus Mén. 44–61	So.Cal.	2144. verticalis Lec. 48–278	N.C. Ia. Kan. Ind. Mich.
15. brevisetosus Csy. 14–198	Cal.	A cupalpi	ma. when.
?immanis (Horn) 80–165	Cal.	Trichocellus Gangl. 92–366	
16. obtusus (Lec.) 49–185 17. pilosus Horn 80–165	Cal.	2145. boreellus Csy. 14–229	Q. Char. Is.
18. angulatus Csy. 14–199	Cal.	46. ?cognatus Gyll. 27–455	Mich Lab. No. Eur. Alas.
19 alutaceus Csy. 14–200	Cal.	dcutschi Sahlb. 27–261	Nfld. So.Cal. Greenland
20. piceus Mén. 44-61	AlasSo.Cal.	a. ruficrus (Kby.) 37–47	B.CLab.
villosus Mots. 45–344	Cal.	• • •	N.Mex.
irregularis Mots. 45–345 parallelus Lec. 49–184	Cal.	axillaris (Mann.) 53–124 longiusculus (Mann.)53–12	Alas.
brunneus Mann. nec Dej.		conflagratus (Mann.)53–12	
a. rupimontis Csy. 14–200	Ut.	47. nitens (Lec.) 58–60	Cal.
b. angustulus Csy. 14–200	Cal.	48. lateralis Csy. 14–230 49. monticola Csy. 14–230	N.Mex. Cal.
21. australinus Csy. 14–201 a. insularis Csy. 14–201	Guad. Is.	50. punctipennis Csy. 14–230	Nev.
22. decoloratus Csy. 14–201	Ariz.	• •	
23. brunneus (Dej.) 29–239	Cal.	Glycerius Csy. 84–79	So.Cal.
— depressicollis Mots. 59–130	o Car.	2151. nitidus (Dej.) 29–474 52. politus Fall 05–175	OrSo.Cal.
Anadaptus Csy. 14–203		53. intermedius Fall 05–175	Cal.
2124. nivalis (Horn) 80–172	Nev. No.Cal. Or. Ut. Vanc.	54. obtusus Fall 05–175	So.Cal.
25. parvulus Csy. 14–204	Cal.	Pelmatellus Bates 82–68	
26. discoideus (Ďej.) 31–831	Pa. WisMo.	2155. lucidus (Csy.) 84-8	Ariz. N.Mex.
27. baltimorensis (Say) 23–33	Mich. Ind. R.IIa. Mich.	turbatus (Fall) 05–173	N.Mex.
?sanctæcrucis (Fab.) 98–58		Episcopellus Csy. 14-235	
28. pitychrous (Lec.) 61–339	ColoOr.	2156. autumnalis (Say) 23–48	L.IInd.
29. porosus (Mots.) 45–344 sublævis (Mots.) 59–138	No. Cal. Ariz. Cal.	57 nitescens Csy. 14–236	D.C.
alternans (Lec.) 49–184	Cal.	Tachycellus Moraw. 63-261	
?alternans (Mots.) 45–343	Cal.	2158. nigrinus (Dej.) 29–399	Ind. Nfld.Alas.
viridescens (Lec.) 61–339 rudis (Lec.) 63–15	Cal. Cal.		Cal. L.Sup. N.Mcx.
a. lecontei (G. & H.) 68–256	Kan.	quadricollis (Lec.) 48–405	<u></u>
chalceus (Lec.) 59–2	N.Mex.	tibialis (Kby.) 37–46	
Stilbolidus Csy. 14–206		Triliarthrus Csy. 14-238	
2130. arizonæ (Csy.) 84–6 ?mexicanus Dej. 29–288	Ariz. Mex.	(<i>Tachycellus</i> Horn pars.) 2159. badiipennis (Hald.) 43–202	2 Mich. Ind.
		(N.YIll. N.
Anisotarsus Chd. 37–41			Eng. Can. Va.
(Eurytrichus Lec. 48–287) 2131. brevicollis Chd. 37–42	TexAriz.	ruficrus (Lec.) nec Kby.	Kan.
?maculicornis (Chd.)43-78		lugubris (Lcc.) 48–305	L.Sup.
32. sayi Blatch. 10–198	Ind.	60. protractus Csy. 14–239	Mass.
piceus Lec. 48–288 33. convexulus Csy. 14–210	N.Y. D.C. Tex.	61. properus Csy. 14–240 62. kirbyi (Horn) 83–51	N.Y. Can. O. L.I.
34. inaudax Csy. 14–211	Tex.	63. atrimedius (Say) 23–39	N.Eng. Pa
?purpurascens Bates 82–50	Mex.		Ill. Tex. Ind.
35. agilis (Dej.) 29–357 36. extraneus Csy. 14–212	S.C. Fla. Cal.	similis (Kby.) 37–48	Can.
37. flebilis (Lec.) 63–16	So.Cal. L.Cal.	64. conformis (Fall) 05–173	Wash. Cal.
a. calathoides Csy. 14–212	Ariz. Pa. Ind. Wis.	65. tetricus Csy. 14–241	Cal.
38. testaccus (Hald.) 43–302 39. terminatus (Say) 23–48	Fla. N.Y	66. ncbulosus (Lec.) 53–385 suturalis (Lec.) 48–411	Ga.
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40. subvirens Csy. 14-213	Can. Ind. Tex.	Catharellus Csy. 14–242 2167. cordicollis (Lec.) 48–306	N.Y. Ont.
41. floridanus Csy. 14–214	Fla.	2000	L.Sup. Nfld.

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2168	(Bradycellus auct. nec Er. 1	pars) N.J.	2214. nanellus Csy. 14–268 15. trivialis Csy. 14–268	R.I. No. N.Y.
	supplex Csy. 14–245 antennalis Csy. 14–245	N.Y.	10. tilvians Csy. 14–208	NO. IV. I
	insulsus Csy. 14–246	N.Y.	Stenolophus Dej. 29-405	
	rupestris (Šay) 23–91	L.I. N.C. Mo.	2216. carbonarius (Dej.) 29–398	Fla. Ind.Mich.
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	flavipes (Kby.) 37–47	Cal. Ind.	17. spretus Dej. 31–345 18. ochropezus (Say) 23–54	Tex. Fla. Mich. R.I
	elongatulus (Dej.) 29–457		10. Ochropezus (Say) 25–54	Tex. Fla. La.
72.	occultus Csy. 14–246	N.Y. Ind.		Colo. Ind.Can.
	debilipes (Say) 34–435	N.YIa.	convexicollis Lec. 48–309	
1 7 7.4	parallelus (Chd.) 68–16	D T 77	gracilis Csy. 84–14	Ariz.
	cinctus (Say) 34–434	R.IVa. Kan. Ut. Colo.	limbatus Mann. i. litt. 19. abstinens Csy. 14–273	Sib. Ariz.
10.	congener (Lec.) 48–307	N.Mex. Ariz.	20. fuliginosus Dej. 29–423	Ind. R.IPa.
76.	aridus Csy 14–248	So.Cal.	versicolor Kby. 37–46	[Mich. Nfld.
77.	decorus Csy. 14–248	Ariz.	fuscipennis Lec. 48–410	
	purgatus Csy. 14–249	So.Cal.	21. flavipes Lec. 58–60	So.Cal. Ariz.
79.	nubifer (Lec.) 58–60 ventralis (Lec.) 58–61	Tex.Ariz. Nev. [Cal.	22. remissus Csy. 14–274 23. fidelis Csy. 14–275	Cal. NevVanc.
80.	rivalis (Lec.) 58-61	Ariz. So.Cal.	24. incultus Csy. 14–275	Cal.
	socors Csy. 14–250	Guad. Is.	25. consors Csy. 14–276	Cal.
82.	alutaceus Csy. 14–250	No.Cal.	26. debiliceps Csy. 14–276	Cal.
	lustrellus Csy. 14–251	Cal.	27. limbalis Lec. 57–28	So.CalOr.
	puncticollis Csy. 14–251	Cal.	indistinctus Mots. 59–134 28. longitarsis Csy. 14–277	[Nev. Ut.
	montanus Csy. 14–251 discipulus Csy. 14–252	Cal.	29. anceps Lec. 57–28	Or. So.Cal.
	sejunctus Csy. 14–252	Cal.	rotundicollis Mots. 59–135	50.Cui.
88.	exstans Csy. 14–253	Cal.	30. peregrinus Csy. 14–278	Ut.
	nubicollis Csy. 14–253	Cal.	31. cincticollis Lec. 58–60	So.Cal. Ariz.
	lineatus Csy. 14–253	Cal. So.CalWash.	32. dissimilis Dej. 29–410 33. semitinctus Csy. 14–279	Miss. La. Tex.
	californicus (Lec.) 57–29 symmetricus (Mots.) 50–23	Cal.	34. plebejus Dej. 29–424	Tex. [Ind. R.ITex. Can.
	ardelio Csy. 14–254	Cal.	lugubris (Hald) 43–302	[Fla Ind.
94.	picipes Csy. 14–255	Cal.	35. fuscatus Dej. 29-426	R.IMd. Ind.
95.	tantillus (Dej.) 29–465	R.ITex. Fla.	36. humidus Ham. 93–305	N.Y. Pa.
96	difficilis (Dej.) 29–467	Ut.	37. unicolor Dej. 29–411 a. dolosus Csy. 14–280	Cal. So.Cal.
	provoensis Csy. 14–256 larvatus Csy. 14–256	Tex.	38. conjunctus (Say) 23–40	Can. R.ICal.
	neglectus (Lec.) 48–307	L.Sup. (Ala.?)		Fla. Mich.Ind.
	suavis Csy. 14–257	Tex.	misellus (Dcj.) 29–467	
2200.	festinans Csy. 14–257	Kan. Tex.	rotundicollis (Hald.) 43–303	
01	*	9.C. 1	39. captiosus Csy. 14–281 40. moquinus Csy. 14–282	Colo. Kan. Ariz.
01.	subcordatus (Chd.) 68–166	Cal.	41. thoracicus Csy. 14–282	Mo. Ia.
Amer	inus Csy. 84–7		42. rotundatus Lec. 63–17	La. Tex.
	longipennis Csy. 14–259	Miss.	43. scitulus Csy. 84–78	Pa.
	linearis (Lec.) 63–16	Pa. D.C. Ind.	a. incitatus Csy. 14–283	N.J.
04.	fuscicornis Csy. 14–260	Va.	Agonoleptus Csy. 14-284	
Philo	des Lec. 62–33		2244. parviceps Csy. 14–285	Colo.
	(Aepus Lec. 48-413)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
2205.	testaceus (Lcc.) 44–252	Pa. Ind.	Tachistodes Csy. 14–286	
	alternans Lec. 53–386		2245. indistinctus (Dej.) 31–846	N.YTex.
Goni	olombus Cav. 14, 262		46. testaceus (Dej.) 29–460 micros (Lec.) 48–312	R.ITex. Fla.
	olophus Csy. 14–262 flavilimbus (Lec.) 68–378	Ga. Fla.	47. pauperculus (Dej.) 29–463	lInd. R.IN.C. Fla.
	longulus (Dcj.) 29–459	La. Ga. Fla.	consimilis (Dej.) 29–465	[Ind.
08.	lucens Csy. 14–264	Tex.	48. humilis (Dej.) 29–462	N.J.
09.	rectangulus (Chd.) 68–18	IndMiss. Fla.	49. partiarius (Say) 23–90	Ind. L.ITex.
Anth	racus Mots. 64–207		?nigriceps (Lcc.) 68-381	Mich. FlaN.J.
	tencr (Lec.) 57–99	Cal.	50. fusciceps Csy. 14–288	N.J.
	alpus Latr. 29–391	NT NZ TO T T 1	Agonoderus Dej. 29–49	T) 1 (1) TY
	hydropicus (Lec.) 63–17	N.Y. R.I. Ind. R.I.	2251. lineola (Fab.) 92–155	DelTex. Ut.
	expertus Csy. 14–267 carus (Lec.) 63–18	R.IIowa.	furcata (Fab.) 01-206	Ariz. So.Cal.
	?immunis (Kby.) 37–48	Mich.Can.Ind.	52. binotatus Csy. 14–291	La.

Agonoderus Dej.		Agonoderus Dej.	
2253. maculatus Lec. 68–374	Cal. Nev.	2266. obliqulus Čsy. 14–297	Ut. Colo.
54. infuscatus Dej. 29–54	Tex. Fla. La.	•	N.Mex.
suturalis Lec. 48–273	N.Y.	67. pallescens Csy. 14-297	Ariz.
55. idoneus Csy. 14–292	Iowa.	68. rugicollis Lec. 59–83	Cal.
56. pallipes (Fab.) 92–159	N.CTex.	pallidus (Mots.) 59–137	Cal.
•	Ariz. Ind.	69. latipennis Csy. 14–298	Ut.
lecontei Chd. 68–14	[Mich. So.Cal.	•	
57. plagiatus Csy. 14–294	Wis.	Cratocari	
58. tarsalis Csy. 14–294	Tex.	Cratocara Lec. 63–11	
59. vividus Csy. 14–294	Ark.	(Polpochila Horn 81)	
60. vacans Csy. 14–294	Tex.	2270. capitata Chd. 52–183	Mex. Ariz.
61. comma (Fab.) 01–207	VaL.Sup.	erro Lcc. 54–221	
pallipes (Say) nec Fab.		71. brunnea Csy. 14–302	Ariz.
dorsalis Lec. 48–273		72. mentalis Csy. 14–302	Ariz.
62. oculatus Csy. 14–295	Tex.		
63. gracilitarsis Csy. 14–296	?Ind. N.Y.	Pogonodaptus Horn 81–178	
64. quadricollis Csy. 14–296	Okla.	2273. mexicanus (Bates) 78–589	Tex.
65. rectus Csy. 14–297	Cal.	piceus Horn 81–179	

PSEUDOMORPHINÆ

Horn 83

Pseudomorpha Kby. 25-101		Pseudomorpha Kby.	
2274. excrucians Kby. 25–101	Ga. Ala.	2277. angustata Horn 83–274	Ariz.
75. cronkhitei Horn 67–151	So.Cal.	78. cylindrica Csy. 89–40	Tex.
76. behrensii Horn 70–76	Cal.	79. castanea Csy. 09–278	Utah.

AMPHIZOIDÆ

Amphizoa Lec. 53–227 (Dysmathes Mann. 53–264) 2280. insolens Lec. 53–228 sahlbergi (Mann.) 53–265 josephi Matth. 72–119 Cal. So.Cal. Vanc.	Amphizoa Lec. 2281. lecontei Matth. 72–121	Vanc.
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OMOPHRONIDÆ

Horn 70; Schaupp 78; Casey 97, 09, 13

Omophron Lat. 04–278		Omophron Lat.	
2282. labiatum (Fab.) 01–248	N.Y. Fla. Tex.	2288. grossum Csy. 09–275	Tex.
83. nitidum Lec. 48–347	Tex. Miss. Ill.	89. dentatum Lec. 49–200	Ariz. So.Cal.
nitens Chd. 68–7		90. solidum Csy. 97–303	Cal.
84. americanum Dej. 31–583	Nfld.N.E.U.S.	91. frater Csy. 13-41	Cal.
sayi Kby. 37–65	Can.	92. gemma Čsy. 97–304	Cal.
a. iridescens Csy. 13–41	Miss.	93. obliteratum Horn 70–73	Ariz.
b. lacustre Csy. 97–301	L.Sup.	a. utense Csy. 13-43	Ut.
c. texanum Csy. 97–302	Tex.	b. subimpressum Csy. 13–43	N.Mex.
d. fontinale Csy. 13–41	N.Mex.	94. gilæ Lec. 49–201	Ariz. So Cal.
85. ovale Horn 70–75	Cal.	a. pallidum Csy. 97–305	Ut.
86. concinnum Csy. 97–302	Cal.	b. pimale Csy. 13–44	Ariz.
87. tessellatum Say 23–152	Can. M. St.	95. robustum Horn 70–74	N.S.
lecontei Dej. 31–582		96. brevipenne Csy. 09–276	Ohio,
a. cllipticum Čsy. 09–276	R. I.	•	

HALIPLIDÆ

Aubé 38; Crotch 73; Matheson 12; Roberts 13

Brychius Thoms. 59–8	Haliplus Latr.	
2297. horni Cr. 73–383 Cal.	2299. fasciatus Aubé 38–30	Mass. Pa.
98. parvulus Rbts. 13–94 Cal.	2300. connexus Math. 12–164	Mass. Mich.
	01. triopsis Say 25–106	Me. Wis. Ga.
Haliplus Latr. 02–77	pantherinus Aubé 38–29	
(Cnemidotus Ill. (nec Er.) 02–373)	02. punctatus Aubé 38–32	Fla. Tex. La.
(Hoplitus Clairy, 06-218)	•	

2303. leopardus Rbts. 13–98 Mass. N.Y. punctatus Math. (nec Aubé) 12–167 21. strigatus Rbts. 13–110 B.C. Wyo.Cal. punctatus Math. 12–166 Tex. Suturalis Rbts. 13–96 Tex. N. Mcx. of. cribrarius Lec. 50–211 L.Sup. Lab. of. subguttatus Rbts. 13–100 Mass. [Vt. or. gracilis Rbts. 13–102 Cal. or. cylindricus Rbts. 13–102 Cal. or. cylindricus Rbts. 13–102 Cal. or. or. or. or. or. or. or. or. or. or	Halip	lus Latr.		Halip	olus Latr.	
04. deceptus Math. 12–166 Tex. Suturalis Rbts. 13–96 Tex. N. Mex. 22. longulus Lec. 50–211 Wyo. 05. cribrarius Lec. 50–211 L.Sup. Lab. Cal. Cal. 06. subguttatus Rbts. 13–102 Or. Or. Cal. 07. gracilis Rbts. 13–102 Or. Cal. Ceal. 08. cylindricus Rbts. 13–102 Cal. 2323. callosus (Lec.) 52–201 B.C. Cal. N. 10. vancouverensis Math. 12–168 B.C. 24. tortulosus Rbts. 13–118 Man. [Mex. 10. vancouverensis Math. 12–168 B.C. 25. simplex (Lec.) 52–201 Cal. 11. tumidus Lec. 80–166 Tex. 27. litoralis Math. 12–178 Tex. Kans. 12. concolor Lec. 52–201 Cal. 28. muticus (Lec.) 63–21 Can.N.Y.Fla. 12. concolor Lec. 52–201 Cal. 29. floridensis Math. 12–177 Fla. 13. rugosus Rbts. 13–103 Cal. 30. oppositus Rbts. 13–115 Fla. 14. lewisii Cr. 73–384 Tex. 30. oppositus Rbts. 13–117 Mass. N.J. 15. havaniensis Wehncke 80–74 Cuba. confluentus Rbts. 13–106 31. shermani Rbts. 13–117 Mass. Kans. 17. borealis Lec. 50–212 L.Sup. Ind. 34. festivus (Wehncke) 76–356 <td>2303.</td> <td>leopardus Rbts. 13–98</td> <td>Mass. N.Y.</td> <td>2320.</td> <td>pallidus Rbts. 13–110</td> <td>B.C.Wyo.Cal.</td>	2303.	leopardus Rbts. 13–98	Mass. N.Y.	2320.	pallidus Rbts. 13–110	B.C.Wyo.Cal.
04. deceptus Math. 12–166 Tex. Suturalis Rbts. 13–96 Tex. N. Mex. 22. longulus Lec. 50–211 Wyo. 05. cribrarius Lec. 50–211 L.Sup. Lab. Cal. Cal. 06. subguttatus Rbts. 13–102 Or. Or. Cal. 07. gracilis Rbts. 13–102 Or. Cal. Ceal. 08. cylindricus Rbts. 13–102 Cal. 2323. callosus (Lec.) 52–201 B.C. Cal. N. 10. vancouverensis Math. 12–168 B.C. 24. tortulosus Rbts. 13–118 Man. [Mex. 10. vancouverensis Math. 12–168 B.C. 25. simplex (Lec.) 52–201 Cal. 11. tumidus Lec. 80–166 Tex. 27. litoralis Math. 12–178 Tex. Kans. 12. concolor Lec. 52–201 Cal. 28. muticus (Lec.) 63–21 Can.N.Y.Fla. 12. concolor Lec. 52–201 Cal. 29. floridensis Math. 12–177 Fla. 13. rugosus Rbts. 13–103 Cal. 30. oppositus Rbts. 13–115 Fla. 14. lewisii Cr. 73–384 Tex. 30. oppositus Rbts. 13–117 Mass. N.J. 15. havaniensis Wehncke 80–74 Cuba. confluentus Rbts. 13–106 31. shermani Rbts. 13–117 Mass. Kans. 17. borealis Lec. 50–212 L.Sup. Ind. 34. festivus (Wehncke) 76–356 <td></td> <td>punctatus Math. (nec Aub</td> <td>é) 12–167</td> <td>21.</td> <td>strigatus Rbts. 13–110</td> <td>B.C. Man.</td>		punctatus Math. (nec Aub	é) 12–167	21.	strigatus Rbts. 13–110	B.C. Man.
O5. cribrarius Lec. 50-211 L.Sup. Lab. O6. subguttatus Rbts. 13-100 Mass. [Vt. 07. gracilis Rbts. 13-102 Or. Or. O7. O8. cylindricus Rbts. 13-102 Cal. O9. nitens Lcc. 50-212 L.Sup. Tex. L.Sup. Tex. O9. nitens Lcc. 50-212 L.Sup. Tex. O9. nitens Lcc. 80-166 Tex. Concolor Math. (nec Lcc.) 12-164 Cal. O7. Cal. O7. O8. cylindricus Rbts. 13-105 Cal. O9. nitens Lcc. 50-210 L.Sup. Tex. O9. nitens Lcc. 50-210 L.Sup. Tex. O9. nitens Lcc. 50-212 L.Sup. Ind. O9. nitens Rbts. 13-113 O	04.				9	Wyo.
06. subguttatus Rbts. 13–100 Mass. [Vt. 07. gracilis Rbts. 13–102 Peltodytes Reg. 78–450 (Cnemidotus Er. nec Ill. 32–48) 08. cylindricus Rbts. 13–102 Cal. 2323. callosus (Lec.) 52–201 B.C. Cal. N. 09. nitens Lec. 50–212 L. Sup. Tex. 24. tortulosus Rbts. 13–118 Man. [Mex. 10. vancouverensis Math. 12–168 B.C. 25. simplex (Lec.) 52–201 Cal. 11. tumidus Lec. 80–166 Tex. 26. dispersus Rbts. 13–113 Ariz. Ut. 22. concolor Math. (nec Lec.) 12–164 28. muticus (Lec.) 63–21 Can. N.Y.Fla. 12. concolor Lec. 52–201 Cal. 29. floridensis Math. 12–177 Fla. 13. rugosus Rbts. 13–103 Cal. 30. oppositus Rbts. 13–115 Fla. 14. lewisii Cr. 73–384 Tex. 31. shermani Rbts. 13–117 Mass. N.J. 15. havaniensis Wehncke 80–74 Cuba. confluentus Rbts. 13–107 Tla. 32. pedunculatus Blatch. 10–204 32. pedunculatus Rbts. 13–117 Mass. Kans. 17. borealis Lec. 50–212 L.Sup. Ind. 34. festivus (Wehncke) 76–356 Tex. [Tex. 18. ruficollis DeG. 74–204 Nfld. Ind. 36. 12-punctatus (Say) 25–106 Can. Ind.N.Y.	•	suturalis Rbts. 13-96	Tex. N. Mcx.	22.	longulus Lec. 50–211	Mass. L.Sup.
07. gracilis Rbts. 13–102 Or. (Cnemidotus Er. nec Ill. 32–48) 08. cylindricus Rbts. 13–102 Cal. 2323. callosus (Lec.) 52–201 B.C. Cal. N. 09. nitens Lcc. 50–212 L.Sup. Tex. 24. tortulosus Rbts. 13–118 Man. [Mex. 10. vancouverensis Math. 12–168 25. simplex (Lec.) 52–201 Cal. 11. tumidus Lec. 80–166 Tex. 27 litoralis Math. 12–178 Tex. Kans. 12. concolor Lec. 52–201 Cal. 28. muticus (Lec.) 63–21 Can.N.Y.Fla. 12. concolor Lec. 52–201 Cal. 29. floridensis Math. 12–177 Fla. 13. rugosus Rbts. 13–103 Cal. 31. shermani Rbts. 13–115 Fla. 14. lewisii Cr. 73–384 Tex. 32. pedunculatus Blatch. 10–204 15. havaniensis Wehncke 80–74 Cuba. 32. pedunculatus Rbts. 13–117 Mass. N.J. 16. annulatus Rbts. 13–106 Fla. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 17. borealis Lec. 50–212 L.Sup. Ind. 34 festivus (Wehncke) 76–356 Tex. [Tex. 18. ruficollis DcG. 74–204 Nfld. Ind. 35. lengi Rbts. 13–119 N.Y. Pa. 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. 37. edentulus (Lec.) 63–21 Mass. Wis. <td>05.</td> <td>cribrarius Lec. 50–211</td> <td>L.Sup. Lab.</td> <td></td> <td>3</td> <td>Cal.</td>	05.	cribrarius Lec. 50–211	L.Sup. Lab.		3	Cal.
07. gracilis Rbts. 13-102 Or. (Cnemidatus Er. nec Ill. 32-48) 08. cylindricus Rbts. 13-102 Cal. 2323. callosus (Lec.) 52-201 B.C. Cal. N. 09. nitens Lcc. 50-212 L.Sup. Tex. 24. tortulosus Rbts. 13-118 Man. [Mex. 10. vancouverensis Math. 12-168 25. simplex (Lec.) 52-201 Cal. 11. tumidus Lec. 80-166 Tex. 27. litoralis Math. 12-178 Tex. Kans. 12. concolor Math. (nec Lec.) 12-164 28. muticus (Lec.) 63-21 Can.N.Y.Fla. 12. concolor Lec. 52-201 Cal. 29. floridensis Math. 12-177 Fla. 13. rugosus Rbts. 13-103 Cal. 31. shermani Rbts. 13-115 Fla. 14. lewisii Cr. 73-384 Tex. 32. pedunculatus Blatch. 10-204 15. havaniensis Wehncke 80-74 Cuba. confluentus Rbts. 13-106 Fla. 33. 6-maculatus Rbts. 13-117 Mass. N.J. 16. annulatus Rbts. 13-107 Fla. 34. festivus (Wehncke) 76-356 Tex. [Tex. 18. ruficollis DeG. 74-204 Nfld. Ind. 34. festivus (Say) 25-106 Can.Ind.N.Y. 36. 12-punctatus (Say) 25-106 Can.Ind.N.Y. 37. edentulus (Lec.) 63-21 Mass. Wis.	06.	subguttatus Rbts. 13–100	Mass. [Vt.	Pelto	dytes Reg. 78-450	
09. nitens Lec. 50–212 L.Sup. Tex. 24. tortulosus Rbts. 13–118 Man. [Mex. 10. vancouverensis Math. 12–168 25. simplex (Lec.) 52–201 Cal. B.C. 26. dispersus Rbts. 13–113 Ariz. Ut. 11. tumidus Lec. 80–166 Tex. 27 litoralis Math. 12–178 Tex. Kans. concolor Math. (nec Lec.) 12–164 28. muticus (Lec.) 63–21 Can.N.Y.Fla. 12. concolor Lec. 52–201 Cal. 29. floridensis Math. 12–177 Fla. 13. rugosus Rbts. 13–103 Cal. 30. oppositus Rbts. 13–115 Fla. 14. lewisii Cr. 73–384 Tex. D.C. 15. havaniensis Wehncke 80–74 Cuba. confluentus Rbts. 13–106 32. pedunculatus Blatch. 10–204 16. annulatus Rbts. 13–107 Fla. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 17. borealis Lec. 50–212 L.Sup. Ind. 34 festivus (Wehncke) 76–356 Tex. [Tex. 18. ruficollis DcG. 74–204 Nfld. Ind. 35. lengi Rbts. 13–119 N.Y. Pa. 18. ruficollis Harr. 28–164 americanus Aubé 38–26 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. 37. edentulus (Lec.) 63–21 Mass. Wis.			Or.		(Cnemidotus Er. nec Ill. 32	2–48)
10. vancouverensis Math. 12–168 25. simplex (Lec.) 52–201 Cal. B.C. 26. dispersus Rbts. 13–113 Ariz. Ut. 11. tumidus Lec. 80–166 Tex. 27 litoralis Math. 12–178 Tex. Kans. concolor Math. (nec Lec.) 12–164 28. muticus (Lec.) 63–21 Can.N.Y.Fla. 12. concolor Lec. 52–201 Cal. 29. floridensis Math. 12–177 Fla. mimeticus Math. 12–168 30. oppositus Rbts. 13–115 Fla. 13. rugosus Rbts. 13–103 Cal. 31. shermani Rbts. 13–117 Mass. N.J. 14. lewisii Cr. 73–384 Tex. D.C. 15. havaniensis Wehneke 80–74 Cuba. confluentus Rbts. 13–106 Fla. Ind. 16. annulatus Rbts. 13–107 Fla. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 17. borealis Lec. 50–212 L.Sup. Ind. 34 festivus (Wehneke) 76–356 Tex. [Tex. 18. ruficollis DcG. 74–204 Nfld. Ind. immaculicollis Harr. 28–164 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.	08.	cylindricus Rbts. 13–102	Cal.	2323.	callosus (Lec.) 52–201	B.C. Cal. N.
B.C. 26. dispersus Rbts. 13–113 Ariz. Ut. 27 litoralis Math. 12–178 Tex. Kans. 28. muticus (Lec.) 63–21 Can.N.Y.Fla. 29. floridensis Math. 12–177 Fla. 29. floridensis Math. 12–177 Fla. 30. oppositus Rbts. 13–115 Fla. 31. shermani Rbts. 13–115 Fla. 31. shermani Rbts. 13–117 Mass. N.J. 14. lewisii Cr. 73–384 Tex. 15. havaniensis Wehncke 80–74 Cuba. confluentus Rbts. 13–106 Fla. 16. annulatus Rbts. 13–107 Fla. 32. pedunculatus Blatch. 10–204 confluentus Rbts. 13–107 Fla. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 17. borealis Lec. 50–212 L.Sup. Ind. 34 festivus (Wehncke) 76–356 Tex. [Tex. 18. ruficollis DeG. 74–204 Nfld. Ind. immaculicollis Harr. 28–164 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.	09.	nitens Lec. 50–212	L.Sup. Tex.	24.	tortulosus Rbts. 13–118	Man. [Mex.
11. tumidus Lec. 80–166 Tex. concolor Math. (nec Lec.) 12–164 27 litoralis Math. 12–178 Tex. Kans. Can.N.Y.Fla. 12. concolor Lec. 52–201 Cal. 29. floridensis Math. 12–177 Fla. 30. oppositus Rbts. 13–115 Fla. 31. shermani Rbts. 13–115 Fla. 31. shermani Rbts. 13–117 Mass. N.J. 31. shermani Rbts. 13–117 Mass. N.J. 32. pedunculatus Blatch. 10–204 D.C. 32. pedunculatus Blatch. 10–204 Jind. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 34. festivus (Wehncke) 76–356 Tex. [Tex. 35. lengi Rbts. 13–119 N.Y. Pa. 35. lengi Rbts. 13–119 N.Y. Pa. 36. 12-punctatus (Say) 25–106 Can.N.Y. Ha. 28–164 Agentulus (Lec.) 63–21 Mass. Wis. 37. edentulus (Lec.) 63–21 Mass. Wis. 92. edentulus (Lec.) 63–21	10.	vancouverensis Math. 12-1	.68	25.	simplex (Lec.) 52–201	Cal.
28. muticus (Lec.) 63-21 Can.N.Y.Fla.			B.C.	26.	dispersus Rbts. 13–113	
12. concolor Lec. 52–201 Cal. 29. floridensis Math. 12–177 Fla. mimeticus Math. 12–168 30. oppositus Rbts. 13–115 Fla. 13. rugosus Rbts. 13–103 Cal. 31. shermani Rbts. 13–117 Mass. N.J. 14. lewisii Cr. 73–384 Tex. D.C. 15. havaniensis Wehneke 80–74 Cuba. 32. pedunculatus Blatch. 10–204 Ind. 16. annulatus Rbts. 13–106 Fla. Fla. 17. borealis Lec. 50–212 L.Sup. Ind. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 18. ruficollis DeG. 74–204 Nfld. Ind. 35. lengi Rbts. 13–119 N.Y. Pa. 18. ruficollis Harr. 28–164 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.	11.	tumidus Lec. 80–166	Tex.	27	litoralis Math. 12–178	Tex. Kans.
mimeticus Math. 12–168 13. rugosus Rbts. 13–103 14. lewisii Cr. 73–384 15. havaniensis Wehncke 80–74 Cuba. confluentus Rbts. 13–106 16. annulatus Rbts. 13–107 17. borealis Lec. 50–212 18. ruficollis DcG. 74–204 lind. 18. ruficollis DcG. 74–204 lind. 18. ruficollis Harr. 28–164 americanus Aubé 38–26 30. oppositus Rbts. 13–115 Mass. N.J. 31. shermani Rbts. 13–117 Mass. N.J. 32. pedunculatus Blatch. 10–204 lind. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 34. festivus (Wehncke) 76–356 Tex. [Tex.] 35. lengi Rbts. 13–119 N.Y. Pa. 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. 37. edentulus (Lec.) 63–21 Mass. Wis.		concolor Math. (nec Lcc.)	12–164	28.	muticus (Lec.) 63–21	Can.N.Y.Fla.
13. rugosus Rbts. 13–103 Cal. 31. shermani Rbts. 13–117 Mass. N.J. 14. lewisii Cr. 73–384 Tex. D.C. 15. havaniensis Wehncke 80–74 Cuba. 32. pedunculatus Blatch. 10–204 confluentus Rbts. 13–106 Fla. 16. annulatus Rbts. 13–107 Fla. 17. borealis Lec. 50–212 L.Sup. Ind. 18. ruficollis DcG. 74–204 Nfld. Ind. immaculicollis Harr. 28–164 36. 12-punctatus (Say) 25–106 americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. N.J. Mass. N.J. D.C. 32. pedunculatus Blatch. 10–204 Ind. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 35. lengi Rbts. 13–117 N.Y. Pa. 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. 37. edentulus (Lec.) 63–21 Mass. Wis.	12.	concolor Lec. 52–201	Cal.	29.	floridensis Math. 12–177	Fla.
14. lewisii Cr. 73–384 Tex. D.C. 15. havaniensis Wehncke 80–74 Cuba. confluentus Rbts. 13–106 32. pedunculatus Blatch. 10–204 16. annulatus Rbts. 13–107 Fla. Ind. 17. borealis Lec. 50–212 L.Sup. Ind. 34 festivus (Wehncke) 76–356 Tex. [Tex. 18. ruficollis DcG. 74–204 Nfld. Ind. 35. lengi Rbts. 13–119 N.Y. Pa. immaculicollis Harr. 28–164 americanus Aubé 38–26 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. 37. edentulus (Lec.) 63–21 Mass. Wis.		mimeticus Math. 12–168		30.	oppositus Rbts. 13–115	Fla.
15. havaniensis Wehncke 80–74 Cuba. 32. pedunculatus Blatch. 10–204 confluentus Rbts. 13–106 Fla. 16. annulatus Rbts. 13–107 Fla. 17. borealis Lec. 50–212 L.Sup. Ind. 18. ruficollis DcG. 74–204 Nfld. Ind. immaculicollis Harr. 28–164 36. 12-punctatus (Say) 25–106 americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.	13.	rugosus Rbts. 13–103	Cal.	31.	shermani Rbts. 13–117	Mass. N.J.
confluentus Rbts. 13–106 Fla. 16. annulatus Rbts. 13–107 Fla. 17. borealis Lec. 50–212 L.Sup. Ind. 18. ruficollis DcG. 74–204 Nfld. Ind. immaculicollis Harr. 28–164 americanus Aubé 38–26 Immaculicollis Harr. 28–164 americanus Aubé 38–26 Ind. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 34. festivus (Wehncke) 76–356 Tex. [Tex.] 35. lengi Rbts. 13–119 N.Y. Pa. 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. 37. edentulus (Lec.) 63–21 Mass. Wis.	14.	lewisii Cr. 73–384	Tex.			D.C.
16. annulatus Rbts. 13–107 Fla. 33. 6-maculatus Rbts. 13–117 Mass. Kans. 17. borealis Lec. 50–212 L.Sup. Ind. 34 festivus (Wehncke) 76–356 Tex. [Tex. 18. ruficollis DeG. 74–204 Nfld. Ind. 35. lengi Rbts. 13–119 N.Y. Pa. immaculicollis Harr. 28–164 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.	15.	havaniensis Wehncke 80-74	4 Cuba.	32.	pedunculatus Blatch. 10-20)4
17. borealis Lec. 50–212 L.Sup. Ind. 34 festivus (Wehncke) 76–356 Tex. [Tex. 18. ruficollis DeG. 74–204 Nfld. Ind. 35. lengi Rbts. 13–119 N.Y. Pa. immaculicollis Harr. 28–164 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.		confluentus Rbts. 13-106	Fla.			Ind.
18. ruficollis DcG. 74–204 Nfld. Ind. 35. lengi Rbts. 13–119 N.Y. Pa. immaculicollis Harr. 28–164 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.	16.	annulatus Rbts. 13–107	Fla.	33.	6-maculatus Rbts. 13-117	Mass. Kans.
immaculicollis Harr. 28–164 36. 12-punctatus (Say) 25–106 Can.Ind.N.Y. americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.	17.	borealis Lec. 50–212	L.Sup. Ind.	34	festivus (Wehncke) 76–356	Tex. [Tex.
americanus Aubé 38–26 37. edentulus (Lec.) 63–21 Mass. Wis.	18.			35.	lengi Rbts. 13–119	N.Y. Pa.
		immaculicollis Harr. 28–16	4	36.	12-punctatus (Say) 25–106	Can.Ind.N.Y.
19. blanchardi Rbts. 13–108 Mass. La. Kans.		americanus Aubé 38–26		37.	edentulus (Lec.) 63–21	Mass. Wis.
	19.	blanchardi Rbts. 13–108	Mass. La.			Kans.

DYTISCIDÆ

Aubé 38; Crotch 73; Sharp 82; Van Den Branden 84.

 $FRAGMENTATI \\ Sharp 82-258$

NOTERINÆ

Notomicrini		Suphisini	
Notomicrus Shp. 82–260 2338. nanulus (Lec.) 63–22 Fla. La.		Colpius Lec. 61–40 2339. inflatus Lec. 63–22 Fla. I	

Hydrocanthini

Canthydrus Shp. 82–269		Canthydrus Shp.	•
(Suphis Aubé 38–412)		2345. semipunctatus (Lec.) 78-5	695 Mich.
2340. puncticollis (Cr.) 73–397	Mass. Fla.	•	
41. bicolor (Say) 34–446	La. Fla.	Hydrocanthus Say 23-105	
punctipennis Shp. 82–270	Carolina.	2346. iricolor Say 23–105	Mich.N.J.Fla.
42. gibbulus (Aubé) 38–414	N.J. Ind. Fla.	47. oblongus Šhp. 82–280	Fla.
floridanus Blatch. 14–63	Fla.	48. atripennis Say 34–447	Mex. Kans.
43. lineatus (Horn) 71–329	L.Cal.	49. texanus Shp. S2–280	Tex. Fla.
44. levis Fall 09–161	L.Cal.	•	

VATELLINÆ

VATELLINI

Macrovatellus Shp. 82-282 2350. mexicanus Shp. 82-284

Mex. L.Cal.

LACCOPHILINÆ

LACCOPHILINI

Laccophilus Leach 17–69		Laccophilus Leach	
2351. maculosus (Germ.) 24–30	Mass. Ind.	2353. proximus Say 23–101	Ind. N.Y. Fla.
52. decipiens Lec. 51–205	Cal. Or.	•	Tex.
californicus Mots. 59–172	Cal.	?americanus Aubé 38–422	Antilles Cuba.
truncatus Mann. 53–68	Russ. Am.	54. inconspicuus Fall 17–164	Can. L.Sup.
maculosus Walk. 66–317	B.C.	55. horni Vd. Br. 84–21	Ariz. [N.H.
a. fusculus Shp. 82–290	Nev. Ariz.	. lateralis Horn 83–282	Ariz.

Dytiscidæ 77

Laccophilus Leach 2356. coccinelloides Reg. 89–112 57. pictus Cast. 34–104 58. insignis Shp. 82–290 59. fasciatus Aubé 38–423 rufus Melsh. 46–28 biguttatus Kby. 37–69 60. terminalis Shp. 82–292	Ariz. Ariz. Tex. L. Tex. [Cal. N.Y. Tex. Pa. Can. Tex.	Laccophilus Leach 2361. mexicanus Aubé 38–420 atristernalis Cr. 73–400 62. 4-lineatus Horn 71–330 63. undatus Aubé 38–435 64. schwarzi Fall 17–165 65. gentilis Lec. 63–23 66. pumilio Lec. 78–596	N.Mex. Cal. Tex. Kans. Mass. Ind. Va. La. Fla. Fla.
	COMPL Sharp		
	HYDROI	PORINÆ	
	Hydro	VATINI	
Hydrovatus Mots. 55–82 2367. cuspidatus (Kunze) 18–68 pustulatus (Melsh) 46–29 68. indianensis Blatch. 10–212 69. brevipes Shp. 82–324	Me. Wis. N.Y. Pa. Ind. Cal. Kans.	Hydrovatus Mots. 2370. compressus Shp. 82–324 71. horni Cr. 73–387 72. major Shp. 82–335	Fla. La. Kans. Tex. L.Cal.
	Bides	SSINI	
Desmopachria Bab. 41–16 2373. granum (Lec.) 55–294 74. convexa (Aubé) 38–479 75. latissima (Lec.) 51–205 76. dispersa (Cr.) 73–388 77. mexicana Shp. 82–19 Bidessus Shp. 82–344	La. Fla. Can.Ind.N.Y. Cal. B.C. Ariz. Tex. Mex. [L.Cal.	Bidessus Shp. 2389. texanus Shp. 82–366 90. affinis (Say) 23–104 nanus (Aubé) 38–496 a. erythrostomus (Mann.) 52- b. macularis (Lec.) 51–206 c. obscurellus (Lec.) 51–206	Tex. Nfld. Ind. Fla. -305 Alas. Col. Cal.
2378. exiguus (Aubé) 38–490 79. cinctellus (Lec.) 51–206 80. 4-pustulatus Fall 17–167 81. pictodes Shp. 82–348 82. decoratus Fall 17–167 83. seminulum (Lec.) 78–377 84. plicipennis (Cr.) 73–388 85. flavicollis (Lec.) 55–295 86. obesus Shp. 82–349 87. discretus Shp 82–350 88. pulicarius (Aubé) 38–494 inconspicuus (Lec.) 55–294	Fla. Ga. Ariz. Cal. Ariz. Fla. Cal. Wis. Ind.N.Y. Tex. [Miss. Tex. Ind.N.Y.Fla.	d. nigrinus Csy. 84–80 91. subtilis (Lec.) 51–206 92. ornatellus Fall 17–167 93. amandus (Lec.) 51–207 94. lacustris (Say) 23–103 95. fuscatus (Cr.) 73–391 96. floridanus Fall 17–168 shermani Mutch. 18–82 97. pullus (Lec.) 55–294 98. granarius (Aubé) 38–501 99. suburbanus Fall 17–169	Cal. Cal. Cal. Or. Ariz. L.Sup. N.Y. Tex. L.Sup. N.Y. Fla. [Tex. Fla. I.a. Tex. N.Y. Fla. N.Y. Fla.
	Сеп	NINI	
Celina Aubé 36–219 2400. angustata Aubé 38–447	N.Y. Ind. Kans. Fla.	Celina Aubé 2401. slossoni Mutch. 18–85 02. grossula Lec. 63–22	Fla. La. Fla.
,	Hydro	PORINI	
Coelambus Thoms. 60–13 2403. inæqualis (Fab.) 76–239 ?punctatus (Say) 24–271 04. hydropicus (Lec.) 51–205 05. farctus (Lec.) 55–293 06. marginipennis Blatch. 12– 07. acaroides (Lec.) 55–294 08. turbidus (Lec.) 55–298 09. dispar (Lec.) 50–216 dissimilis (G. & H.) 68–432 10. lutescens (Lec.) 51–208 11. fumatus Shp. 82–400 12. patruelis (Lec.) 55–298 ?discoideus (Lec.) 55–299 13. suturalis (Lec.) 50–216 14. sellatus (Lec.) 66–365	Fla. Ind. O. Minn. Ind. Mass. Can. L.Sup. N.Y.	Coelambus Thoms. 2415. medialis (Lec.) 51–209 16. pedalis Fall 01–212 17. femoratus Fall 01–212 18. ovoideus (Lec.) 50–216 19. masculinus Cr. 74–74 20. nubilus (Lec.) 55–298 21. unguicularis Cr. 74–73 22. infuscatus Shp. 82–401 23. fraternus (Lec.) 51–209 24. impressopunctatus (Sch.) 83 picatus (Kby.) 37–68 similis (Kby.) 37–68 10-lineatus (Mann.) 53–161 25. laccophilinus (Lec.) 78–595 26. sylvanus Fall 17–169 27. princeps Blatch. 14–64	Can. Ind.N.Y. Can. Can. Alas.

	nectes Shp. 82-418	N. a. l. N. N.	Hydroporus Clairy.	
2428.	depressus (Fab.) 75–233 brevis (Sturm) 35–9	Nfld. N. Y. [L. Sup.	2474. blanchardi Sherm. 13–52 vitiosus Shp. nec Lec. 82–4	Mass. Ala. 43
20	rotundatus (Lec.) 63-21	Can.	75. eximius Mots. 59–164	Cal.
29.	catascopium (Say) 23–103 prosternalis Shp. 82–434	Wis. Vt. N. Y. "N. A."	76. addendus Cr. 73–393 77. funereus Cr. 73–392	B.C. L.Cal. L.Cal.
	suffusus Shp. 82–434	"N. A."	78. mexicanus Shp. 82–447	Mex. Ariz.
	interruptus (Say) 34–445 parallelus (Say) 23–98		79. roffi Clk. 62–176 80. corvinus Shp. 87–754	Mex. Ariz. Tex. Ariz.
30.	griseostriatus (DeG.)74-103		['] 81. alpinus (Payk.) 98–226	L.Sup. Nfld.
31.	striatellus (Lec.) 51–207	Or. Cal. Ariz.	82. 12-lineatus Lec. 50–214 ?lævis Kby. 37–67	L.Sup.
	pulcher (Mots.) 59–363	[Mont.	83. septentrionalis (Gyll.) 27–3	
32.	æquinoctialis(Clk.) 62–178	Ariz. Mex. Guat.	?scitulus Lec. 55–295	Nfld. N:H. L.Sup. [N.Y.
	oporus Clairy. 06–182	,	84. picturatus Horn 83–283	Nev.
	aulicus Aubé 38–572	Ga. Tenn.	85. rivalis (Gyll.) 27–384	Cal.
	diversicornis Shp. 82–437 triangularis Fall 17–170	Tex. Wis.	obesus Lec. 66–365 congruus Lec. 78–452	Cal. Colo.
	pilatei Fall 17–170	La.		Nev.
	wickhami Zaitz. 08–118	Pa. Va. Ill.	87. occidentalis Shp. 82–456	B.C.
20	concinnus Lec. 55–297	[Kans. Minn.	88. longicornis Shp. 70–205	Lab.
	ohionis Fall 17–172 cocheconis Fall 17–171	Ohio. N.H.		L.Sup. L.Sup.
	pulcher Lec. 55–297	N.Y. Ill. Ala.	90. morio Shp. 82–471	Lab. N.H.
41.	integer Shp. 82–438	Vt. Pa.	atriceps Čr. 70–96	Greenland.
	shermani Fall 17–172	N.Y. Ind. T.		L.Sup.
43.	lineolatus Lec. 55–296 vittatipennis G. & H. 68–44	Ill. Ga.	?nigellus Mann. 53–163 92. obscurus Sturm 35–65	Alas. Mich. Nfld.
44.	mellitus Lec. 55–299	Vt. Ind. Ga.	93. tenebrosus Lec. 50–214	L.Sup. Lab.
45.	dixianus Fall 17–173	Ga.		Mass.
	cimicoides Shp. 82–439	N.J. Va. Fla.		L.Sup.
47.	undulatus Say 23–102 fasciatus Harr. 28–164	Ind. Mass. [Fla.	luridipennis Lec. 50–216 ?hirtellus Lec. 51–208	L.Sup. Cal.
	pubipennis Aubé 38–480	[Lia.	94. subpubescens Lec. 51–208	Cal.
	velutinus Aubé 38–481		95. despectus Shp. 82–466	Can. Mass.
	oppositus Say 23–102	7. T	96. perplexus Shp. 82–467	Lab. Cal.
	lobatus Shp. 82–439 scrutator Shp. 82–440	Mass. " N.A."?	97. rusticus Shp. 82–467 98. appalachius Sherm. 13–53	Nev. N.H. Can.
	lynceus Shp. 82–440	" N.A."	signatus Shp. nec Mann. 82	
52.	clypealis Shp. 82–441	Mass.	99. longiusculus G.&H. 68–436	
	anticus Shp. 82–441	Pa. La.	oblongus Aubé 38–605	A1-a
94.	consimilis Lec. 50–214 placatus Fall 17–177	L.Sup. Or. Or.	2500. glabriusculus Aubé 38–312 01. tristis (Payk.) 98–232	Alas. Can. Mich.
55.	eruditus Shp. 82–442	Pa.		L.Sup. [Mass.
	republicanus Shp. 82–442	"N.A." Fla.	?ruficapillus Mann. 52–304	
57.	proximus Aubé 38–483	N.H. Mass. Ind.	02. subtonsus Lec. 55–292 03. contractulus Mann. 52–304	L.Sup. Vt. Alas. [N.Y.
. 58.	spurius Lec. 55–296	Vt. Mass.	04. rufinasus Mann. 52–305	Alas.
	peltatus Shp. 82–441	[N.Y.	05. americanus Aubé 38–575	Ind. Mass.
	dilatatus Fall 17–174	N.H. Mass.	06. dentellus Fall 17–181	N.H. Mass.
	suffusus Fall 17–175 sulcipennis Fall 17–175	N.J. [Md. N.H.N.Y.Va.	07. fortis Lec. 51–207 08. signatus Mann. 53–161	Cal. Or. Can. Ill. N.Y.
	hybridus Aubé 38–513	Ill. Ia.	09. fuscipennis Kies. 68–64	Mass.
62.	semiflavus Fall 17–176	Ill. Mo.	?puberulus Mann. 53–163	
	mixtus Lec. 55–296	Nebr. Kans.	10. dichrous Melsh. 46–28	Ind. Mass.
	carolinus Fall 17–180 vittatus Lec. 55–296	N.C. Nebr. Minn.	11. melsheimeri Fall 17–182 12. inornatus Shp. 82–478	Mass.
00.	victatus Lec. 55 250	Ill.	13. axillaris Lec. 53–132	Alas.
	sericeus Lec. 50–214	Man. L.Sup.	humeralis Lec. 51–207	Colo.
67.	solitarius Shp. 82–445	L.Sup. Mass.	14. niger Say 23–102	Ind. Mass.
68	venustus Lec. 55–295	Nfld. N.J. Va. N.C.	modestus Aubé 38–576 punctatissimus Aubé 38–48	Can.
	arizonicus Fall 17–178	Ariz.	15. latifrons Shp. 82–478	"" N.A."
	semirufus Lec. 55–296	Nebr. Kans.	16. ruficeps Shp. 82–479	Mass. Va.
71	dimidiatus G. & H. 68–432	[Conn.	17. rufilabris Shp. 82–479	Tex.
71.	striatopunctatus Melsh. 46	–28 Ind. N.Y. Va.	18. notabilis Lec. 50–216 19. arcticus Thoms. 54–197	L.Sup. Lab.
72.	tigrinus Fall 17–178	Va.	20. humeralis Aubé 38–578	Lab. B.C.
	vitiosus Lec. 55–296	Can. Ill.		Alas.

Hydroporus Clairv.		Hydroporus Clairv.	
2521. stagnalis G. & H. 68-441	L.Sup. Mass.	2529. hardyi Shp. 82–484	Cal.
eollaris Lee. 55–292		30. belfragei Shp. 82–485	Tex.
22. persimilis Cr. 73–395	Can. Mass.	31. difformis Lee. 55–298	N.Y. Ind. Ga.
23. oblitus Aubé 38–602	Mieh. N.H.	32. eonoideus Lee. 50–216	L.Sup.
luridipennis Melsh. 46–28	[Va.	*	
limbalis Melsh. 46–28		— ?planatus Mann. 53–162	Alas.
24. brevieornis Fall 17–180	N.H. Mass.	— ?truneatus Mann. 53–162	Alas.
25. terminalis Shp. 82-484	Cal. [Md.	?diseieollis Say 34-446	
26. vilis Lee. 51–208	Cal.	- ?impressifrons Mots. 53–16	55
27. palliatus Horn \$3-283	Cal.	— ?biguttatus Kby. 37–69	Can.
28. latebrosus Lee. 51–208	Cal.	?punetatus Say 24-271	

COLYMBETINÆ

AGABINI

	AGA	BINI	
Hydrotrupes Shp. 82-492		Agabus Leach.	
2533. palpalis Shp. 82–492	Cal.		Vt.
2000. parpans onp. 02 492	Cai.		٧
		ovoideus (Cr.) 73–418	M
Agabinus Cr. 73–397		64. discolor (Harr.) 28–164	Mass.
2534. glabrellus (Mots.) 59–171	Cal.	?ambiguus (Say) 23–96	
morulus (Lee) 61–340		subfuscatus Shp. 82–514	
, , , , , , , , , , , , , , , , , , , ,		65. leeontei (Cr.) 73–417	Cal. Alas.
Amsham I as h 17 CO		discolor (Lee.) 51–204	
Agabus Leach. 17–69		lutosus Melsh. 53–31	
(Anisomera Brullé 35–205)		66. phæopterus Kby. 37–70	Can.
(Gaurodytes Thoms. 60–57)		67. bicolor Kby. 37–70	Can. Alas.
2535. cordatus (Lee.) 53–226	N.Mex. Colo.	68. obliteratus (Lec.) 59–5	Nebr.
36. reetus (Lee.) 69–375	Vane. I.		
37. intersectus (Cr.) 73-419	Cal. Wyo. Vt.		Nebr. Cal.
38. hypomelas Mann. 43–221	Alas.	70. obsoletus (Lee.) 58–15	Cal.
irregularis Mann. 53-159	Alas.	71. infuseatus Aubé 38–330	Lab.
39. seriatus (Say) 23–97	Lab. E. U.S.		Mass. N.Y.
parallelus (Lee.) 50–213	1740.11.0.0.	73. morosus (Lec.) 51–204	Cal. [Va.
		fossiger Mots. 59–170	
aretus Melsh. 46–27		74. strigulosus (Cr.) 73-422	Cal.
striatus Aubé 38–305	\.T	nanus (Lee.) 78–452	Colo.
40. suturalis (Cr.) 73–423	Nev.	75. anthraeinus Mann. 52–304	N.H. L.Sup.
41. perplexus Shp. 82–498	Vane. I.	seapularis Mann. 52–203	11121 210 apr
42. lugens (Lee.) 51–203	Cal.		Lab.
43. obtusatus (Say) 23–99	N.H. N.Y. Va.	76. aretieus (Payk.) 98–201	Latu.
nitidus (Say) 23–98		subfasciatus (Lec.) 62–17	М
44. planatus Shp. 82-503	Mass.	77. elavatus Lec. 59–4	Man.
45. brevieollis (Lee.) 57–24	Cal.	78. austini Shp. 82–516	B.C.
46. stagninus (Say) 23–100	Pa.	79. nigroæneus Er. 37–157	Lab. Mass.
striola Aubé 38–308	Ι α.	eriehsoni G. & H. 68–454	[L.Sup.
	0,5	lutosus (Cr.) 73–419	
47. confertus (Lee.) 61–340	Or.	sobrinus Mots. 59–170	
walsinghami (Cr.) 73–419	C1 1 1 D	80. gagates Aubé 38–306	N.H. N.J. Va.
48. semivittatus (Lee.) 51–204		8.8	Ind.
a. spilotus (Lee.) 59–5	Nebr. [Fla.	81. discors (Lee.) 61–341	Or. Vane. I.
49. texanus Shp. 82–505	Tex.	82. tristis Aubé 38–356	Lab.N.H.Alas.
50. punetatus Melsh. 46–27	Pa.	atratus Mann. 53–157	Lanitania.
51. punetulatus Aubé 38–332	Lab. L.Sup.		T Cum
æneolus (Cr.) 73–417	Or.	83. leptopsis (Lec.) 78–596	L.Sup.
52. æruginosus Áubé 38–298	N.J.	84. longulus (Lee.) 78–596	L.Sup.
53. semipunetatus (Kby.)37-69		85. fuseipennis Payk. 98–209	Eur. Lab.
001 Boning and the (1205 1) 01	L.Sup.	*	
54. stridulator Shp. 82-509	H. Bay.		
	H. Bay.	— ?subopaeus Mann. 53–157	
55. mutus Shp. 82–513	Moss Vo	— ?terminalis Melsh. 46–27	
56. teniolatus (Harr.) 28–164	Mass. Va.	?amerieanus Aubé 38–334	
57. disintegratus (Cr.) 73–416	Can. Kans.		
	Ind. Pa.	Thebianama Cr. 72 412	
58. lineellus (Lec.) 61–340	Cal.	Ilybiosoma Cr. 73–413	C-1
59. inscriptus (Cr.) 73–422	Lab. N.H.	2586. regularis (Lec.) 51–203	Cal.
60. eongener (Payk.) 98–214	Lab. N.H.	oblongum (Mots.) 59–369	0 36
61. nigripalpis Sahlb. 80–56	Lab.	87. bifarius (Kby.) 37–71	Can. Mieh.
dissimilis Sahlb (In Litt.)			Mass.
borealis Shp. 82–513		Ilybius Er. 32–34	
62. reticulatus Kby. 37–71	L.Sup. Mass.	2588. ater (DeG.) 74–401	Pa.
fimbriatus (Lec.) 51–214	[Va.	ungularis (Lee.) 62–521	Middle States.
minimus (Lice) of 211	[ra·	unguiun (1100) 02 021	Lilland Diaces.

Ilybius Er. 2589. subæneus Er. 39–156 viridiæneus Cr. 73–411 90. pleuriticus Lec. 50–213 91. suffusus Cr. 73–411 92. inversus Shp. 82–552 93. 4-maculatus Aubé 38–274 94. ignarus Lec. 62–521 95. angustior (Gyll.) 08–500 picipes Kby. 37–71 AGABETINI Agabetes Cr. 73–401 2602 acuductus (Harr.) 28–124	Nfld. Lab. Kans. H.Bay. Lab. N.H. L.Sup. Ind. T. "N.A." Or. Alas. Mich. N.Y. Nfld. Lab. [L.Sup.	Ilybius Er. 2596. fuliginosus (Fab.) 92–191 97. discedens Shp. 82–557 98. biguttulus (Germ.) 34–29 ?fenestralis (Say) 23–95 ?fraterculus Lec. 62–521 99. laramæus Lec. 59–4 2600. confusus Aubé 38–280 01. oblitus Shp. 82–560 MATINI Matus Aubé 38–390 2603. bicarinatus (Say) 23–98	N.A.? H.Bay. Lab. N.H. Can. Mass. [Ill. Va. Nebr. Ind. N.Y. "N.A."
			Fla.
Copelatus Erichs. 32–38 2604. cælatipennis Aubé 38–382 05. glyphicus (Say) 23–99 10-striatus Aubé 38–379 punctulatus Aubé 38–381	Fla. Minn. Kans. [N.Y. Fla.	Copelatus Erichs. 2606. impressicollis Shp. 82–589 07. chevrolati Aubé 38–389 a. australis Schæff. 08–17 08. fragilis Shp. 82–40	Ariz. Fla. Tex. Ariz. Cal. L.Cal. Guat.
	Сорто	TOMINI	
Coptotomus Say 34–443 2609. obscurus Shp. 82–601 10. interrogatus (Fab.) 01–267 venustus Say 23–98	Fla. Tex. Can. Kans. [Fla.	Coptotomus Say difficilis Lec. 51–204 serripalpis Say. 34–443 2611. longulus Lec. 51–205	Cal. Mex. Wyo. Minn.
	Colym	BETINI	
Scutopterus Cr. 73–404 2612. angustus (Lec.) 50–213 13. horni Cr. 73–405 coriaceus Horn nec Cast. 7 Rhantus Lac. 35–309 2614. divisus (Aubé) 38–248 15. flavogriseus Cr. 73–409 longipes Shp. 82–612 obscurus Shp. 82–613 16. binotatus (Harr.) 28–164 assimilis (Kby.) 37–72 plebejus Shp. 82–613 17. anisonychus Cr. 73–409 18. atricolor (Aubé) 38–265 19. calidus (Fab.) 92–193 tæniolis (Say) 23–94 a. meridionalis Melsh. 46–27 ?consimilis Mots. 59–168 20. sinuatus Lec. 62–522 21. confusus Blatch. 10–229 22. notatus (Fab.) 81–296 ?sericans Shp. 82–619 23. bistriatus (Bergst.) 78–42 agilis (Payk.) 98–199 suturellus (Harr.) 28–164	L.Sup. N.H. L.Sup. Can. 71–330 Can. Cal. Colo. "N.A." B.C. Cal. Wis. Ariz. [N.H. N.Y. Cal. Ariz. Me. N.J. Fla. Ga. Cal. Wis. N.Y. Ind. Can. B.C. Can. Lab. [N.H. Ind.	Rhantus Lac. 2624. tostus Lec. 66–366 25. discedens Shp. 28–615 Colymbetes Clairv. 06–188 (Cymatopterus Esch. 37–61 2626. paykulli Er. 39–149 27. longulus Lec. 62–522 28. obscuratus Mann. 53–154 29. grænlandicus Aubé 38–233 drewseni Lec. 62–523 30. seminiger Lec. 62–522 inæqualis Horn 71–330 31. strigatus Lec. 51–203 strigosus Lec. 62–522 crotchi Shp. 82–626 32. sculptilis Harr. 29–8 exaratus Lec. 62–522 densus Lcc. 59–282 triseriatus (Kby.) 37–73 33. rugipennis Shp. 82–628 34. dolobratus (Payk.) 98–204 35. thomsoni Shp. 82–628	No.Eur.& Am. Can. N.H. Alas.
	DYTIS		
Dytiscus L. 58-411 (Dyticus Geoffr. 62-185) (Leionotus Kby. 37-76) 2636. fasciventris Say 24-270 carolinus Aubé 38-120 cordieri Aubé 38-108	DYTE Mich. Ind. [N.Y.	Dytiscus L. 2637. hybridus Aubé 38–116 compar Melsh. 46–26 38. verticalis Say 23–92 39. marginicollis Lec. 44–201 40. sublimbatus Lcc. 57–34	Ind. N.Y. Va. Mich. Ind. Cal. [N.Y. B.C.

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Dytiscus L.		Dytiscus L.	
2641. marginalis L. 58-411	Can. N.Y.	2645. dauricus Gebl. 32-39	Alas. L.Sup.
42. parvulus Mann. 56-154	Alas. Lab.	confluens Say. 34–440	[Ñ.H.
43. vexatus Shp. 82–643	Alas.	diffinis Lec. 50–212	L.Sup.
44. circumcinetus Ahr. 11-67	Man.	ooligbuki Kby. 37–74	Can.
anxius Mann. 43–218	Alas.	franklini Kby. 37–77	Can.
	Cal.	ventralis Mots. 55–79	Alas.
fuscostriatus Mots. 59–167	Cal.	46. harrisi Kby. 37–76	Can.Ind.N.Y.

HYDATICINÆ

Hydaticini

Hydaticus Leach 17–69		Hydaticus Leach	
2647. stagnalis (Fab.) 87–191	B.C. Ind.	2648. lævipennis Thom. 67–88	Red River.
cinctipennis Aubé 38–191	[Mass.	49. piceus Lec. 63–23	Mich. Ind.
?americanus Shp. 82–654	Red River.	50. bimarginatus Say 34–442	Va.Fla. [N.Y.
?modestus Shp. 82–650	" N.A."	fulvicollis Aubé 38–124	

THERMONECTINI

Acilius Leach 17–69		Thermonectes Cr.	
2651. semisulcatus Aubé 38–132	B.C. Mich.	2656. margineguttatus (Aubé) 38	
- hhumistus Mann 42 010	Kans. N.Y.		Mex. W.I.
a. abbreviatus Mann. 43–219 b. oregonensis Cr. 73–402	Or.	57. marmoratus (Hope) 32–284	L.Cal. Ariz. L.Cal.
c. simplex Lec. 51–202	Cal.	maculatus (Lec.) 54–221	21112. 2.00
d. latiusculus Lec. 57-34	Cal.	58. peninsularis Horn 94–362	Cal.
, ,	Mass. Nfld. N.H.N.Y.Va.	Graphoderes Thoms. 60–38	
53. mediatus (Say) 23–33 maccullochi (Kby.) 37–74			Mich. Mass.
maccanoom (1155.) or vi		rugicollis (Kby.) 37–73 brunnipennis (Aubé) 38–20	[Fla.
Thermonectes Cr. 73-402		thoracicus (Harr.) 28–156	••
2654. ornaticollis (Aubé) 38–140	•	60. cinereus (L.) 58–412	B.C. Ill. Mass.
a. nigrofasciatus (Aubé) 38–13	36	?fasciatocollis (Harr.) 28–15	
55. basilaris (Harr.) 29-8		ner perpendicular out our	"N.A."
a. intermedius Cr. 73–402 b. latecinctus (Lec.) 51–203		62. elatus Shp. 82–695 63. occidentalis Horn 83–281	Red River.
b. fatecinetus (f.ec.) 51–203		00. Occidentalis Horn 80-281	Cai.

ERETINI

Kans. Ariz.

Eretes Cast. 32–397 2664. stieticus (L.) 66–666

CIBISTRINA			
Megadytes Shp. 82–704 2665. fraternus Shp. 82–708	W.I. Fla. L.Cal.	Cybister Curtis 2667. fimbriolatus (Say) 23-91 dissimilis Aubé 38-69	III. N.Y. Va.
Cybister Curtis 27-151 (Trogus Leach 17-69)	L.Cal.	68. ellipticus Lec. 51–202 69. explanatus Lec. 51–202	Cal. Cal.
2666. olivieri Cr. 73–399	Fla.	70. flavocinctus Aubé 38–78	Mex.

GYRINOIDEA

GYRINIDÆ

Aubé 38; Leconte 68; Regimbart 82, 07; Zaitzev 08; Ahlwarth 10

ENHYDRINI

Dineutes MacLeay 25-30	2671. vittatus (Germ.) 24–32	N.JVa.
(Cyclous Esch. 37–66)	opacus (Melsh.) 44–29	Ga.
(Cyclinus Kby. 37–78)	72. robertsi Leng 11–11	Ga.

Dineutes MacLeay		Dineutes MacLeay	
2673. sublineatus Chev. 33-f.1.	Ariz. L.Cal.	2679. nigrior Rbts. 95–284	Atl. Coast.
♀ integer Lec. 54–221		80. americanus Say 26–107	Can. U.S.
74. discolor Aubé 38–784	Ind.Atl.Coast.	assimilis (Kby.) 37–78	
labratus (Melsh.) 44–29	Pa.	81. horni Rbts. 95–284	Atl. Coast
75. angustus Lec. 78–378	Va. Fla.		Tex.
76. serrulatus Lec. 68–366	Fla. Ga.	82. emarginatus Say 26–108	Ind.Atl.Coast.
77. analis Regt. 82–416	Tex. La. Fla.	americanus Aubé nec Say	38-778
78. productus Rbts. 95–285	Tex.	83. carolinus Lec. 68–367	Fla. Tex.
•	/		

GYRININI

Gyrinus Geoffr. 62–193		Gyri	nus Geoffr.	
2684. minutus Fab. 01–276	Eur. N.A. Ind.	2697.	piceolus Blatch. 10–240	Ind.
rockinghamensis Lec.68-370	N.C. [Fla.	98.	canadensis Regt. 83–159	Can.
85. confinis Lec. 68–368	Lab. H.Bay.		pernitidus Lec. 68–369	Fla. Ga. Cal.
	Can.		analis Say 25–108	U.S. Ind.
86. fraternus Coup. 65–60	L.Sup. Ind.		aubei Lec. 63–18	
	Can.	01.	gibber Lec. 68–370	N.C.
87. æneolus Lec. 68–368	N.Y. Ind.		opacus Sahlb. 17–45	Iceland Lab.
3.7 10.1100.110	Mich.		pectoralis Lec. 68–370	H.Bay.L.Sup.
88. limbatus Say 25–109	Can. Ind. Fla.		picipes Aubé 38–694	Lab. Alas.
89. dichrous Lec. 68–368	Mass.		marinus Gyll. 08–143	H.Bay.Green-
90. elevatus Lec. 68–368	N.Y. Fla.			land.
91. ventralis Kby. 37–80	Lab. L.Sup.		opacus Lec. nec Sahlb. 68-	369
limbatus Aubé 38–672	Pa.		*********	Greenland.
92. aquiris Lec. 68–368	Lab. Can. U.S.	a.	dorsalis Gyll. 08–142	Greenland.
93. plicifer Lec. 51–209	Ill. Ariz. Cal.		impressicollis Kby. 37–79	Can.
?lateralis Aubé 38–773			borealis Aubé 38–692	Can. Mass.
?marginiventris Mots. 59-	174		sayi Aubé 38–698	N.Y.
94. consobrinus Lec. 51–209	Cal.	a.	lugens Lec. 68–369	L.Sup. Mass.
?fuscipes Mots. 59–173	Cal.		corpulentus Regt. 83–178	"N.A."
95. maculiventris Lec. 68–369	L.Sup. Mont.		parcus Say 34–448	Tex. Fla.
96. affinis Aubé 38–669	Ind. Mich.		partas bag of the	L.Cal.
OU WILLIAM LIGHT OF THE				

ORECTOCHILINI

Gyretes Brullé 34–241 2710. californicus Regt. 07–188 Cal.

Gyretes Brullé 2711. sinuatus Lec. 51–210 compressus Lec. 63–23

Cal. Tex.

PALPICORNIA OR HYDROPHILOIDEA

HYDROPHILIDÆ

Mulsant 44; Leconte 55; Horn 73, 90; Kuwert 90; Ganglbauer 04; Zaitzev 08; d'Orchymont 16

HYDRÆNINÆ

Ochthebius Leach 15–95		Ochthebius Leach	
*		2721. attritus Lec. 78–380	Fla.
2712. bencfossus Lec. 78–381 ** 13. rectus Lec. 78–379 14. puncticollis Lec. 51–210 15. discretus Lec. 78–379 16. nitidus Lec. 50–217 fossatus Lec. 55–362	Vt. N.J. Cal. Wy. Cal. Ariz. Can.Ariz.Cal. L.Sup. Or. [So.Cal.Ariz.	simplex Lec. 78–380 22. costipennis Fall 01–214 23. lineatus Lec. 51–211 24. sculptus Lec. 78–381 25. wickhami Fall 01–213 26. holmbergi Mann. 53–166 ******* 27. putnamensis Blatch.10–253	So.Cal. Cal.Ariz.Tex. Can.Cal.Ariz. Ariz. Can.Alas.Cal.
*** 17. cribricollis Lec. 50–217 ****	L.Sup. Cal.	(<i>Prionochthebius</i> Kuw?) 8 28. lapidicolus VanD. 18–306	
18. tuberculatus Lec. 78–380 foveicollis Lec. 78–381 19. lævipennis Lec. 78–381 ***** 20. interruptus Lec. 51–21	Pa. Fla. N. [Mex. Cal. Wy. Cal. Ariz.	Hydræna Kug. 94–579 2729. pennsylvanica Kies. 49–166 30. punctata Lec. 55–362 31. marginicollis Kies. 49–177	Cal. Ct. Pa.

HYDROSCAPHINÆ

Böving 14

Hydroscapha Lec. 74–45 2732. natans Lec. 74–46

So.Cal. Ariz.

LIMNEBIINÆ

Limnebius Leach 15–96	Limnebius Leach
(Limnocharis Horn 72–144)	2735. alutaceus (Csy.) 86–168 Cal.
2733. piceus (Horn) 72–144 Cal.	36. congener (Csy.) 86-170 Cal.
politus (Csy.) 86–168 Cal.	37. discolor Csy. 00–52 Vt.
34. angustulus (Csy.) 86–168 Tex.	38. coniciventris (Csy.) 86–171 Tex.

HELOPHORINÆ

Helophorus Fab. 75–66		Helophorus Fab.	
*		2746. linearis Lec. 55–357	Wy.Ind.Mich.
2739. tuberculatus Gyll. 08–129	L.Sup. Ind.	?pusillus Mots. 60–106	N.C. [Nev.
scaber Lec. 50–218		47. angustulus Mann. 53–165	Alas.
**		alternatus Lec. 61–341	Cal.
40. inquinatus Mann. 52–243	Alas. L.Sup.	48. granularis (L.) 61–214	Eur. N.Am.
consimilis Mann. 53–164	[Lab.	49. obsoletesulcatus Mots. 60-	106
***			N.Y. Pa.
41. fortis Lec. 66–366	Cal.	50. lineatus Say 23–200	Conn. Ind.
42. oblongus Lec. 50–217	L.Sup.		Lab. Nfld.
43. lacustris Lec. 50–217	L.Sup. Ind.	?pallens Csy. 84–81	Ariz.
44. obscurus Lec. 51–210	Cal.	?ventralis Mots. 60–105	N.Y.
45. nitidulus Lec. 55–357	L.Sup. Ind.	51. auricollis Esch. 22–43	Alas.

EPIMETOPINÆ

Epimetopus Lac.	
(Ceratoderus	Muls. 51–1)
(Sepidulum I	

Epimetopus Lac. 2752. costatum (Lec.) 74–47 Tex. 53. thermarum Sz. & Barber 17–130 Ariz.

HYDROCHINÆ

Hydrochus Leach 17–190		Hydrochus Leach	
2754. scabratus Muls. 44–373	L.Sup. to So.	2760. rufipes Melsh. 44–101	M.S.St.L.Sup.
gibbosus Melsh. 44–99	Pa [St.	61. subcupreus Rand. 38–40	Mass. Ind.
55. callosus Lec. 55–359	La.	62. granulatus Blatch. 10–253	Ind.
56. foveatus Hald. 53–375	Tex. Fla.	63. variolatus Lec. 51-211	Cal.
57. rugosus Muls. 44–373	M.St. Fla.	64. squamifer Lec. 55–359	L.Sup. Ind.
grandis Mots. 60–104		65. impressus Zimm. 69–249	N.C.
58. inæqualis Lec. 55–359	La. Fla. Ind.	66. vagus Lec. 51–211	Cal.
59. excavatus Lec. 55–360	La. Ind. Conn.	67. simplex Lec. 55–361	La. Fla.

HYDROPHILINÆ

Berosini

Berosus Leach 17-92		Berosus Leach	
*		2778. immaculatus Zimm.69-249	N·CIllMo.
(Enoplurus Hope 38–128)		79. moerens Shp. 82–84	L.Cal. Mex.
2768. ?maculosus Mann. 53-167	Russ. A.	80. exilis Lec. 51–211	Ariz.
tesselatus Mots. 59–180		81. exiguus (Say) 25–189	Fla. PaLa.
69. punctatissimus Lec. 51–211	Cal. Ariz.	82. pallescens Lec. 55–366	N.Y.
70. salvini Shp. 82–79	Mex.	83. infuscatus Lec. 55–365	Midd.&So.St.
71. miles Lec. 55–363	Tex. Ariz.	punctulatus Lec. 51-211	Cal. [Fla.
	L.Cal.	californicus Mots. 59–179	Colo.Cal.Ariz.
72. pugnax Lec. 63–24	La. Ill. Mo.	84. striatus (Say) 25–188	Middle States
73. emarginatus Horn 73–120	Tex. [Fla.	fraternus Lec. 55–366	[Ind. Fla.
**		ordinatus Lec. 55–365	N.Y.
(Berosus s. str.)		85. rugulosus Horn 73–124	Ariz. L.Cal.
74. aculeatus Lec. 55–363	N.C. Fla.		Colo.
75. subsignatus Lec. 55–364	Tex. So.Cal.	87. salinus Fall 01–215	So.Cal.
76. pantherinus Lec. 55–364	Ill. Ind.		
77. peregrinus (Hbst.) 97–314	Midd.&So.St.	Derallus Shp. 82-77	
auritus Melsh 44–100	[Fla. Ind.	2788. altus (Lec.) 55–366	La.

Hydrophilini Sharp, 83, 91

#ydrous Dahl 75-7	N.YTex. Cal. Conn. Mich. [Ind. So.States. Tex. So.Cal. N.Y. Pa. Fla. Conn. Ind. La. Fla. Cal. Conn. Mich. S.C. [Ind. Ariz. L.Cal. So.Cal.	Tropisternus Sol. 34–308 2797. striolatus (Lec.) 55–368 98. dorsalis Brullé 38–57 99. apicipalpis (Chev.) 34–54 2800. nitens Cast. 40–54 01. ellipticus (Lec.) 55–368 quadristriatus Horn 71–331 03. salsamentus Fall 01–214 04. californicus (Lec.) 55–367 05. glaber (Hbst.) 97–298 06. mixtus (Lec.) 55–368 07. lateralis (Fabr.) 75–228 nimbatus (Say) 23–203 lateralis Hbst. 97–296 limbalis (Lec.) 55–367 marginatus Mots. 59–176 humeralis Mots. 59–176 binotatus Walk. 66–318 OS.States Ind. Fla. L.Cal. Ariz. Neb. Ga. Fla. So.Cal. Cal. N.Y. L.Sup. Ga. Ind. N.Y.Ind.Fla. N.YTex. L.Cal. Fla. Fla. Mich. [Conn.]
Hydrobius Leach 15–96		Helochares Muls. 44–379
2808. fuscipes L. 58–411	Eur. Lab.	(Hydrocombus Sharp) 82-70
•	Conn. Mich.	2828. maculicollis Muls. 44–379 Ill. La. Ind. L.
insculptus Lec. 55–372	N.Y. [Ind.	Chagmanana Cha 99 79
regularis Lec. 55–372 seriatus Lec. 55–372	Vt. Cal.	Chasmogenus Shp. 82–73 2829. normatus (Lec.) 61–341 Ariz. So.Cal.
, 09. tumidus Lec. 55–372	N.YFla.Ind.	
10. globosus (Say) 24–276	N.Eng. Ind.	Enochrus Thoms. 59–18
melænum Germ. 24–96 11. latus Horn 73–133	Cal.	(Philhydrus Sol. 34–315)
12. scabrosus Horn 73–133	Pac.Coast.	* * O. C.
(Sperchopsis Lec. 62-47)		2830. carinatus (Lec.) 55–370 Or. So. Cal. 31. conjunctus (Fall) 01–217 Cal.
13. tesselatus Zimm. 44–44	CanFla.	32. fucatus (Horn) 73–127 Ut. Ariz.
Anacæna Thom. 59–18		33. cuspidatus (Lec.) 78–597 Cal.
2814. infuscata (Mots.) 59–177	L.Sup.Cal.N.	**
	Mex. Nfld.	34. nebulosus (Say) 24–277 Can.Tex.Ariz.
feminalis (Lec.) 78–597 castanea (Lec.) 78–597	[Ind.	maculifrons (Mots.)59–179 [Cal. Fla.Ind. a. cristatus (Lec.) 55–370 Cal.
castanea (Lec.) 10-591		latiusculus (Mots.) 59–178 Cal.
Paracymus Thom. 67–120		pectoralis (Lec.) 55–370 Cal.
(Cryniphilus Mots. 45–32) (Creniphilus Horn ex parte	a)	?melanocephalus (Kby.) 37–120 Can.
2815. dissimilis (Horn) 73–136	Or. Col.	obtusiusculus (Mots.) 59–179
16. moratus (Horn) 90–271	Ut.	Cal.
17. suturalis (Lec.) 66–366	Md.Ga.L.Cal. Fla.	35. ochraceus (Melsh.) 44–101 MassFla. simplex (Lec.) 63–24 [Ind.
18. despectus (Lec.) 63–25	MassIll.Fla.	36. perplexus (Lec.) 55–371 N.YCal.Fla.
19. subcupreus (Say) 25–189	Ind. Can.Or.Ariz.	fuscus (Mots.) 59–178 Cal. [Ind. 37. cinctus (Say) 24–276 Can. Ga. Kans.
	Tex. Ind.	limbalis (Melsh.) 44–101 [Fla.Pa.Ind.
20. elegans (Fall) 01–218	So.Cal. Ala.	38. consors (Lec.) 63–24 N.J. La. Fla. 39. estriatus (Blatch.) 17–139 Fla.
21. lodingi (Fall) 10–98 22. ellipsis (Fall) 10–99	Ariz.	39. estriatus (Blatch.) 17–139 Fla. 40. californicus (Horn) 90–248 Cal.
a. nanus (Fall) 10–99	Fla.	latiusculus (Horn) 73–130
23. reductus (Fall) 10–99	Fla.	41. hamiltoni (Horn) 90–249 Can. N.J.
24. degener (Horn) 90–273 25. digestus (Lec.) 55–373	Fla. Can.N.Mex.	Cal.(?) Ind. 42. diffusus (Lec.) 55–371 Nebr. Cal.
26. rufiventris (Horn) 73–135	Or. Wash.	(Fla.?)
Cramitia D. 1.1.01.000	So.Cal.	43. reflexipennis (Zimm.) 69–250
Crenitis Bedel 81–306 2827. monticola (Horn) 90–271	N.H. Pa.	N.J.Del.Conn. angustulus (Csy.) 84–83 N.J.
20211 monacoia (Horn) 50 211	11111 1 W	wingubourub (Obj.) (11 (1) 11.1).

Cymbiodyta Bedel 80–307 2844. punctatostriata (Horn) 73– 45. fraterculus Shp. 82–71 46. dorsalis (Mots.) 59–177 47. morata Horn 90–256 48. imbellis (Lec.) 61–341 49. rotunda (Say) 25–188 nitens (Zimm.) 69–250 50. fimbriata (Melsh.) 44–101 semistriatus (Zimm.) 69–25 51. blanchardi Horn 90–258 52. lacustris (Lec.) 55–369 marginella (Kby.) 37–120	Cal. Ariz. Mex. So.Cal. N.Mex. Cal. N.Mex. Midd.St.Ga. N.C. Fla. Pa. Nfld. O Vt. D.C. Ind. Can. Mass.	punctatus Melsh. 44–100 55. ellipticus Lec. 55–363 Helobata Berg. 88–222 (<i>Helopeltis</i> Horn 73–137) (<i>Helopeltina</i> Ckll. 06–240) 2856. larvalis (Horn) 73–137	Lab. CanGa. Fla. Ind. Me. L.Sup. Kans. Ind. Pa. Nfld. Ariz. Cal. L.Cal. LaMex Cuba, Fla.
Chætarthria Steph. 32–401 (Cyllidium Er. 37–211) 2857. nigrella (Lec.) 61–342 58. minor Fall 01–216	Cal. So. Cal.	Chætarthria Steph. 2859. atra (Lec.) 63–24 60. pallida (Lec.) 61–342 nigriceps (Lec.) 61–342	N.Y. Conn. Ind. L.Sup. Cal. L.Sup. [Fla.
	SPHÆR		
Dactylosternum Woll. 54-99	Horn 9	Cercyon Leach	Page Const
(<i>Cyclonotum</i> ‡ auct. nec Er 2861. abdominale (Fab.) 92–79 62. cacti (Lec.) 55–373 63. advectum Horn 90–284	N.CFla. Cal. Ariz. Fla.	2881. adumbratus Mann. 43–260 82. variegatus Shp. 82–107 83. hæmorrhoidalis (Fabr.) 75-	La. Fla. -67 Eur. Nfld.
Phænonotum Shp. 82-97 2864. estriatum (Say) 35-171 65. semiglobosum (Zimm.) 69- Phænotypus Horn 90-285	Md. Tex. Fla. 250 [Ind. Fla.	flavipes (Fabr.) 92–81 nigricollis (Say) 25–190 84. melanocephalus (L.)58–356 nanus Melsh. 44–102 85. pygmæus (Illig.) 01–40 apicalis Say 23–204	[Conn. Ind. Eur. N.A. Ind. Eur. N.A. Nfld. [Conn. Ind.
2866. palmarum Schwarz 78–355 Sphæridium Fabr. 75–66 2867. scarabæoides (L.) 58–356 68. bipustulatum Fabr. 81–78	†Eur. N.A.	(apicialis err. typ.) 86. nigriceps (Marsh.) 02–72 centrimaculatus Sturm 07–	Eur. N.A. So.Cal. Can. Fla. La. Ind.
a. quadrimaculatum Marsh. 6 Cercyon Leach 17–95 Horn 90–2	02–66 Eur. N.A.	mundus Melsh. 44–101 87. convexiusculus Steph. 29–1	
* 2869. littoralis (Gyll.) 08–111	Eur. Atl. Coast, Nfld.	lugubris (Payk.) 98–59 88. tristis (Illig.) 01–39 minutus (Gyll.) 08–110 89. rufescens Horn 95–233	[So.Cal.Alas. Eur. N.A.Ind. L.Cal.
** 70. depressus Steph. 29–138 ***	Eur. N.A. (Coast) Conn.	90. floridanus Horn 90–303 91. granarius Er. 37–221 minusculum Melsh. 44–102	Fla. Eur. N.A. [Pa. Nfld.
71. fimbriatus Mann. 52–34472. luniger Mann. 53–168	Pac. Coast. Alas. Pac. Coast.	92. navicularis Zimm. 69–250 **** 93. analis Payk. 98–187	CanLa. Cal. Ind. Eur. N.A.Fla.
73. unipunctatus (L.) 58–364 74. quisquilius (L.) 61–138 75. ocellatus (Say) 25–191	Eur. N.A. Eur. N.A. Can. Ill. Ind.	maculatus Melsh. 44–101 Oosternum Sharp 82–112	[Pa. Ind.
(occalatum err. typ.) . 76. prætextatus (Say) 25–190 77. marinus Thoms. 53–54	Ind. Can. Kans. Fla. Eur. N.A.	2894. costatum Sharp 82–113 94½. pubescens Lec. 55–374	Fla. Cuba, Mex. C.A. Midd.St. Ind.
77. marmus Thoms. 53–54 78. fulvipennis Mann. 52–343 79. lateralis (Marsh.) 02–69	Pac. Coast. Alas. Eur. N.A.	Pelosoma Muls. 44–184 2895. capillatum Lec. 55–374	Ariz. Tex.
limbatus Mann. 43–260 80. indistinctus Horn 90–297	Pac. Coast. CanPa.	Pemelus Horn 90–309 2896. costatus (Lec.) 55–374	D.C. Tenn.

Megasternum Muls. 44–187

2897. posticatum Mann. 52-354 Pac. Coast. 98. punctulatum Horn 90-309 La. [Alas.

Cryptopleurum Muls. 44–188

2899. minutum (Fabr.) 92-68 atomarium (|| Oliv.) 90-15 vagans Lec. 55-375

Eur.N.A.Ind.

L.Sup.

Cryptopleurum Muls.

2900. americanum Horn 90-311 Ohio, Ind. 01. cerei Schwarz 99-8 Ariz.

(Cybocephalus ‡)

- ?unicolor (Mots.) 45-364 Sitka.

STAPHYLINOIDEA

PLATYPSYLLIDÆ

(Achreioptera Westw.)

Ritsema 69; Leconte 72, 83; Everts 98; Ganglbauer 99; Sharp 01; Desneux 06; Reitter 84, 09; Csiki 10; Seidlitz 89; Horn 82; Westwood 69, 74; Kolbe 86; Riley 88; Bonheure 84

Platypsyllus Rits. 69–23

2902. castoris Rits. 69-23

Eur.&Tex. castorinus Westw. 69-119 [Dak.Cal.Alas.

BRATHINIDÆ

Leconte 61; Casey 87

Brathinus Lcc. 52-156

2903. nitidus Lec. 52-157 04. varicornis Lcc. 52-157

Nfld. N.S.-N.Y. [L.Sup. Brathinus Lec.

2905. californicus Hub. 93-11 Cal.

LEPTINIDÆ

Leptinus Müll. 17–266

2906. testaceus Müll. 17-268 americanus Lec. 66-367 Eur. Ia. O. Pa. D.C. B.C. Leptinillus Horn 82-113 2907. validus (Horn) 72-145 H.B.T. 08. aplodontiæ Ferris 18–125

SILPHIDÆ

Leconte 53; Horn 80

SILPHINI

Necrophorus Fab. 75–71 2909. carolinus (L.) 71–530

mediatus Fab. 01-334

10. mysticallis Ang. 12-307

11. americanus (Oliv.) 90-10 grandis Fab. 92-247

virginicus Fröl. 92–123

sayi Lap. 35–2
 lunatus || Lcc. 53–277
 luniger G. & H.
 orbicollis Say 25–177

halli Kby. 37–98 quadrisignatus Lap. 35–1

14. marginatus Fab. 01-334

15. obscurus Kby. 37–97 melsheimeri ‡ Lec. 53–275

16. guttula Mots. 45–53 a. hecate Bland 65–382

17. grandior Ang. 12–307

Gulf St. Fla. [N.Mex.

Ind. Atl. St.

Conn.-Tex.

Ind. No. Atl. [St.

Ind. H.B.T.-Fla. L.Sup. [Conn.

Ind. U.S.& Can. Conn. So.Cal. Ariz. H.B.T.-Ut. [L.Sup.

Alas. Colo.-[So.Cal.Ariz. Cal.

Necrophorus Fab.

2918. pustulatus Herschel 07-271 N.Eng.-Tex. bicolon Newn. 38–385 [Ind. tardus Mann. 53-170

a. melsheimeri Kby. 37-97 maritimus Mann. 43–251 infodiens Mann. 53–170 pollinctor Mann. 53-169 confossor Lec. 54–20

labiatus Mots. 60–126 b. nigritus Mann. 43–251 19. vespilloides Hbst. 84-32

mortuorum Fab. 92-248 pygmæus Kby. 37–98 hebes Kby. 37–96 defodiens Mann. 46–513

a. conversator Walker 66–320 pollinetor || Lec. 54–19

20. tomentosus Web. 01-47 velutinus Fab. 01-334

Atl. St. Ind. [Conn.

Vanc.

Colo.-Alas.

Vanc. Ariz.

So.Cal.-Tex.

Eur. Can. No.

[St. Alas. Nfld.

[L.Sup.

Alas.

Alas.

Alas.

Philas Port. 03-331 2921. truncata (Say) 23–193

Kan. N.Mex. Ariz.

Silph	* *0 *00		au	
	a L. 58–569 (Necrodes Leach)		Silpha L. 2929. ramosa Say 23–193	WisAriz
2922.	surinamensis Fab. 92–72	Ct.Atl.St.Ind.	cervaria Mann. 43–252	[So.Cal.
	(Thomas ability I so sh)	Kan.Tex.	enescens Csy. 86–171	Cal.
23.	(Thanatophilus Leach) lapponica Hbst. 93–269	[L.Sup. Lab. W.Can	30. opaca L. 59–571	H.B.T.Cal. Sib.
		Alas. So.Cal.	(Blitophaga Reitter 97-211))
	caudata Say 23–192 tuberculata Germ. 24–81	[Ariz. Sib. No. Eur.	31. bituberosa Lec. 59–6	Kan.Wy. Mont.
	californica Mann. 43–253.	515. 140. 12u1.	Necrophilus Latr. 29-500	·
	(Silpha L. s. str.)		2932. pettiti Horn 80–243	CanKy.Ind.
	(Peltis Geoff.) (Asbolus Voet.)		subterraneus ‡ Horn 68–125 33. hydrophiloides Mann. 43–2	
	(Pseudopelta Voet.)		55. hydrophiloides Main. 45-2	AlasCal.
	(Necrobora Hope)		ater Mots. 45–363	
24.	(Phosphyga Leach) trituberculata Kby. 37–101	H.B.T. Alas.	Pelatines Ckll. 06-240	
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	coloradensis Wickh. 02–180	Colo. Fla.U.SColo.	2934. latus (Mann.) 52–331	AlasWash.
20.	inæqualis Fab. 81–87	Ind. L.Sup.	ı	Alb.
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27.	noveboracensis Forst.71–17 marginalis Fab. 87–215	[Conn.	Pteroloma Gyll. 27-418 2935. forsstræmi Gyll. 08-111	No.EurAlas.
	marginata Kby. 37–100		36. tenuicorne (Lec.) 59–84	NevWash.
28.	americana L. 59–570	H.B.TTex. Ind. L.Sup.	37. caraboides Fall 07–235	WashSo.Cal.
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	affinis Kby. 37–103		2938. longulus (Lec.) 59–282	So.&No.Cal
	terminatus Kby. 37–103 canadensis Kby. 37–104			Vanc. Alas.
	canadensis 1xby. 51-101	Lyros	OMINI	
Lyros	soma Mann. 53-174	171105	OMINI	•
	opacum Mann. 53-175	Alas. Sib.		
		. Pinod		
		, I INOD	YTINI	
Pino	lytes Horn 80-248		Pinodytes Horn	·2 . pag
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2940.			Pinodytes Horn	2–333 Alas. D.C. So.Cal.
2940.	(<i>Homæosoma</i> ‡ Austin 80–1 hamiltoni Horn 92–45	6) Pa.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5	Alas. D.C.
2940. 41.	(Homæosoma ‡ Austin 80-1 hamiltoni Horn 92-45 pusio Horn 92-45 choleus Horn 80-254	6) Ра. Cal. Сноы	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85-136	Alas. D.C. So.Cal.
2940. 41. Platy 2943.	(Homæosoma ‡ Austin 80-1 hamiltoni Horn 92-45 pusio Horn 92-45 choleus Horn 80-254 leptinoides (Cr.) 74-77	6) Pa. Cal. Chola	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85–136 2956. setiger Horn 85–136	Alas. D.C.
2940. 41. Platy 2943. 44.	(Homæosoma ‡ Austin 80–1 hamiltoni Horn 92–45 pusio Horn 92–45 choleus Horn 80–254 leptinoides (Cr.) 74–77 opacellus Fall 09–133	6) Ра. Cal. Сноы	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260	Alas. D.C. So.Cal.
2940. 41. Platy 2943. 44.	(Homæosoma ‡ Austin 80-1 hamiltoni Horn 92-45 pusio Horn 92-45 choleus Horn 80-254 leptinoides (Cr.) 74-77 opacellus Fall 09-133 otrichus Murr. 56-462	6) Pa. Cal. Сноы Cal. Nev. Cal.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85–136 2956. setiger Horn 85–136	Alas. D.C. So.Cal.
2940. 41. Platy 2943. 44.	(Homæosoma ‡ Austin 80–1 hamiltoni Horn 92–45 pusio Horn 92–45 choleus Horn 80–254 leptinoides (Cr.) 74–77 opacellus Fall 09–133	6) Pa. Cal. Сноы Cal. Nev. Cal.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup.
2940. 41. Platy 2943. 44. Catol 2945.	(Homæosoma ‡ Austin 80-1 hamiltoni Horn 92-45 pusio Horn 92-45 choleus Horn 80-254 leptinoides (Cr.) 74-77 opacellus Fall 09-133 otrichus Murr. 56-462 frankenhæuseri (Mann.) 52	6) Ра. Cal. Сном Саl. Nev. Cal.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal.
2940. 41. Platy 2943. 44. Catop 2945.	(Homæosoma ‡ Austin 80-1 hamiltoni Horn 92-45 pusio Horn 92-45 choleus Horn 80-254 leptinoides (Cr.) 74-77 opacellus Fall 09-133 otrichus Murr. 56-462 frankenhæuseri (Mann.) 52 eva Latr. 96-114 (Catops ‡ auct. nec Payk.)	6) Pa. Cal. Choli Cal. Nev. Cal. Alas.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn.
2940. 41. Platy 2943. 44. Catop 2945. Chole	(Homæosoma ‡ Austin 80-1 hamiltoni Horn 92-45 pusio Horn 92-45 choleus Horn 80-254 leptinoides (Cr.) 74-77 opacellus Fall 09-133 otrichus Murr. 56-462 frankenhæuseri (Mann.) 52 eva Latr. 96-114 (Catops ‡ auct. nec Payk.) egena Horn 80-257	6) Pa. Cal. Chold Cal. Nev. Cal. -332 Alas.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459 59. californicus (Lec.) 53–281	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn. Cal.
2940. 41. Platy 2943. 44. Catop 2945. Chole 2946. 47.	(Homæosoma ‡ Austin 80–1 hamiltoni Horn 92–45 pusio Horn 92–45 choleus Horn 80–254 leptinoides (Cr.) 74–77 opacellus Fall 09–133 otrichus Murr. 56–462 frankenhæuseri (Mann.) 52 eva Latr. 96–114 (Catops ‡ auct. nec Payk.) egena Horn 80–257 luridipennis(Mann.)53–176	6) Pa. Cal. Chold Cal. Nev. Cal. -332 Alas. Alas. N.EngOr Alas. Lab.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 EVINI Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn.
2940. 41. Platy 2943. 44. Catop 2945. Chole 2946. 47.	(Homæosoma ‡ Austin 80-1 hamiltoni Horn 92-45 pusio Horn 92-45 choleus Horn 80-254 leptinoides (Cr.) 74-77 opacellus Fall 09-133 otrichus Murr. 56-462 frankenhæuseri (Mann.) 52 eva Latr. 96-114 (Catops ‡ auct. nec Payk.) egena Horn 80-257 luridipennis(Mann.)53-176	6) Pa. Cal. Chold Cal. Nev. Cal. -332 Alas. Alas. N.EngOr Alas. Lab. Man. Alas.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 Evini Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459 59. californicus (Lec.) 53–281 60. fisus Horn 85–137 61. nevadicus Horn 80–263 62. ulkei Horn 85–137	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn. Cal. Ariz. Cal. Nev. D.C.
2940. 41. Platy 2943. 44. Cator 2945. Choic 47. 48. 49.	(Homæosoma ‡ Austin 80-1 hamiltoni Horn 92-45 pusio Horn 92-45 choleus Horn 80-254 leptinoides (Cr.) 74-77 opacellus Fall 09-133 otrichus Murr. 56-462 frankenhæuseri (Mann.) 52 eva Latr. 96-114 (Catops ‡ auct. nec Payk.) egena Horn 80-257 luridipennis(Mann.)53-176 alsiosa Horn 85-136 gratiosa Blanch. 15-294	6) Pa. Cal. Chold Cal. Nev. Cal. -332 Alas. Alas. N.EngOr Alas. Lab. Man. Alas. Ky. Ind. Me. Pa.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 Evini Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459 59. californicus (Lec.) 53–281 60. fisus Horn 85–137 61. nevadicus Horn 80–263 62. ulkei Horn 85–137 63. oblitus (Lec.) 53–282	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn. Cal. Ariz. Cal. Nev. D.C. Ga. Fla. Ind.
2940. 41. Platy 2943. 44. Cator 2945. Chold 47. 48. 49. 50.	(Homæosoma ‡ Austin 80–1 hamiltoni Horn 92–45 pusio Horn 92–45 choleus Horn 80–254 leptinoides (Cr.) 74–77 opacellus Fall 09–133 otrichus Murr. 56–462 frankenhæuseri (Mann.) 52 eva Latr. 96–114 (Catops ‡ auct. nec Payk.) egena Horn 80–257 luridipennis(Mann.)53–176 alsiosa Horn 85–136 gratiosa Blanch. 15–294 simplex (Say) 25–184	6) Pa. Cal. Chold Cal. Nev. Cal. -332 Alas. Alas. N.EngOr Alas. Lab. Man. Alas. Ky. Ind. Me. Pa. Ind. Atl. St.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 Evini Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459 59. californicus (Lec.) 53–281 60. fisus Horn 85–137 61. nevadicus Horn 80–263 62. ulkei Horn 85–137	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn. Cal. Ariz. Cal. Nev. D.C.
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2940. 41. Platy 2943. 44. Catol 2945. Chold 47. 48. 49. 50. 51.	(Homæosoma ‡ Austin 80–1 hamiltoni Horn 92–45 pusio Horn 90–254 leptinoides (Cr.) 74–77 opacellus Fall 09–133 purichus Murr. 56–462 frankenhæuseri (Mann.) 52 pusi Latr. 96–114 (Catops ‡ auct. nec Payk.) egena Horn 80–257 luridipennis(Mann.) 53–176 alsiosa Horn 85–136 gratiosa Blanch. 15–294 simplex (Say) 25–184 basillaris (Say) 23–194 cadaverinus (Mann.) 43–25 brunnipennis (Mann.) 53–17 ?spenciana Kby. 37–108	6) Pa. Cal. Chold Cal. Nev. Cal. -332 Alas. Alas. N.EngOr Alas. Lab. Man. Alas. Ky. Ind. Me. Pa. Ind. Atl. St. AlasM.St. 4 [Ind.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459 59. californicus (Lec.) 53–281 60. fisus Horn 85–137 61. nevadicus Horn 80–263 62. ulkei Horn 85–137 63. oblitus (Lec.) 53–282 64. pusio (Lec.) 59–282 (Catopsimorphus Aubé 50–3 (Catopomorphus ‡ Austin) 65. parasitus (Lec.) 53–282	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn. Cal. Ariz. Cal. Nev. D.C. Ga. Fla. Ind. (L.Sup?) Cal. Vanc.Ind. 24) N.YD.C. Tex. N.SN.Y.
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2940. 41. Platy 2943. 44. Catol 2945. Chold 2946. 47. 48. 49. 50. 51.	(Homæosoma ‡ Austin 80–1 hamiltoni Horn 92–45 pusio Horn 92–45 choleus Horn 80–254 leptinoides (Cr.) 74–77 opacellus Fall 09–133 otrichus Murr. 56–462 frankenhæuseri (Mann.) 52 eva Latr. 96–114 (Catops ‡ auct. nec Payk.) egena Horn 80–257 luridipennis(Mann.) 53–176 alsiosa Horn 85–136 gratiosa Blanch. 15–294 simplex (Say) 25–184 basillaris (Say) 23–194 cadaverinus (Mann.) 43–25 brunnipennis (Mann.) 53–17 ?spenciana Kby. 37–108 clavicornis (Lec.) 53–281 horniana Blanch. 15–294	6) Pa. Cal. Cal. Chold Cal. Nev. Cal. -332 Alas. Alas. N.EngOr Alas. Lab. Man. Alas. Ky. Ind. Me. Pa. Ind. Atl. St. AlasM.St. 4 [Ind. 76 L.Sup. Ct.Mich.M.St. Tex. Ind. MassPa. Wash. Can.Va.Ill. Ind.Nfld.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459 59. californicus (Lec.) 53–281 60. fisus Horn 85–137 61. nevadicus Horn 80–263 62. ulkei Horn 85–137 63. oblitus (Lec.) 53–282 64. pusio (Lec.) 59–282 (Catopsimorphus Aubé 50–3 (Catopomorphus ‡ Austin) 65. parasitus (Lec.) 53–282 66. texanus Melander 02–328 67. brachyderus (Lec.) 63–25 * 68. cavernicola Sz. 98–58 Adelops Tellkampf 44–318	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn. Cal. Ariz. Cal. Nev. D.C. Ga. Fla. Ind. (L.Sup?) Cal. Vanc.Ind. 324) N.YD.C. Tex. N.SN.Y. Minn. Mo.
2940. 41. Platy 2943. 44. Catol 2945. Chold 2946. 47. 48. 49. 50. 51.	(Homæosoma ‡ Austin 80–1 hamiltoni Horn 92–45 pusio Horn 92–45 choleus Horn 80–254 leptinoides (Cr.) 74–77 opacellus Fall 09–133 otrichus Murr. 56–462 frankenhæuseri (Mann.) 52 eva Latr. 96–114 (Catops ‡ auct. nec Payk.) egena Horn 80–257 luridipennis(Mann.) 53–176 alsiosa Horn 85–136 gratiosa Blanch. 15–294 simplex (Say) 25–184 basillaris (Say) 23–194 cadaverinus (Mann.) 43–25 brunnipennis (Mann.) 53–17 ?spenciana Kby. 37–108 clavicornis (Lec.) 53–281 horniana Blanch. 15–294 decipiens Horn 80–259	6) Pa. Cal. Cal. Chold Cal. Nev. Cal. Cal. Alas. Alas. N.EngOr Alas. Lab. Man. Alas. Ky. Ind. Me. Pa. Ind. Atl. St. AlasM.St. 4 [Ind. 76 L.Sup. Ct.Mich.M.St. Tex. Ind. MassPa. Wash. Can.Va.Ill. Ind.Nfld. L.Sup.	Pinodytes Horn 2942. cryptophagoides (Mann.) 5 Echinocoleus Horn 85–136 2956. setiger Horn 85–136 Prionochæta Horn 80–260 2957. opaca (Say) 25–184 Ptomaphagus Illiger 98–88 2958. consobrinus (Lec.) 53–281 lecontei Murr. 56–459 59. californicus (Lec.) 53–281 60. fisus Horn 85–137 61. nevadicus Horn 80–263 62. ulkei Horn 85–137 63. oblitus (Lec.) 53–282 64. pusio (Lec.) 59–282 (Catopsimorphus Aubé 50–3 (Catopomorphus ‡ Austin) 65. parasitus (Lec.) 53–282 66. texanus Melander 02–328 67. brachyderus (Lec.) 63–25 * 68. cavernicola Sz. 98–58	Alas. D.C. So.Cal. Ariz. Can. Pa. O. Ind. L.Sup. Ind.Mich.Cal. So.Cal. Fla. [Conn. Cal. Ariz. Cal. Nev. D.C. Ga. Fla. Ind. (L.Sup?) Cal. Vanc.Ind. 324) N.YD.C. Tex. N.SN.Y. Minn.

¹ The genera Pteroloma and Agyrtes are separated from Silphini by some authors.

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	111,1001		
Triarthron Mærkel 40–141		Cyrtusa Er. 45-77	
2985. lecontei Horn 68–131	Or. Cal.	3015. picipennis (Lec.) 63–25	N.YVanc.
cedonulli Schauf. 82–43	011 0111	color presponding (Econy oc 20	Ind. So.Cal.
86. pennsylvanicum Horn 83–2	284	16. blandissima Zimm. 69–250	N.CD.C.
Co Pressing the second	Pa.	17. superans Fall 10–8	Mass. [Fla.
Hydnobius Schmidt 41–193		18. egena Lec. 53–284	MichGa.
2987. matthewsi Cr. 74–74	Vanc. Wash.	impubis Zimm. 69–251	[Ind.
?pallidus (Say) 34–91	Mo.	·	
88. strigilatus Horn 80–281	Nev. Vanc.	Isoplastus Horn 80–295	
89. arizonensis Horn 85–138	Ariz.	3019. fossor Horn 80–295	D.C. Mich.
90. longulus Lec. 79–511	ColoB.C.		
longidens Lec. 79–511	3T 0 0 1	Stetholiodes Fall 10-4	T 1
91. substriatus Lec. 63–25	N.SColo.	3020. laticollis Fall 10–4	Ind.
curvidens Lec. 79–511	L.Sup. Alas.?	T . T	
92. latidens Lec. 79–512	CanColo.	Leiodes Latr. 96–22	
pumilus Lec. 79–511	[So.Cal.	(Liodes ‡ auct.)	A 41 C4 NT
93. obtusus Lec. 79–511	ColoB.C.	3021. globosa (Lec.) 50–222	Atl.StNev.
A		- 1:1 II 90 907	Alb. L.Sup.
Anogdus Lec. 66–369	Fla.	a. bicolor Horn 80–297	Conn.
2994. capitatus Lec. 66–369 95. dissimilis Blatch. 16–93	Fla.	22. polita Lec. 53–285	Va. Ky. Ga.
95. dissimins Diatem. 10–95	ra.	23. discolor Melsh. 46–103	L.Sup. CanVa. Ind.
Anisotoma Illiger 98-69		24. blanchardi Horn 80–298	Mass.
2996. alternata (Melsh.) 46–103	Ga.	25. obsoleta Horn 80–298	CanVa.
97. humeralis Horn 80–286	So.&No.Cal.	26. basalis Lec. 53–285	M.StIll. Ind.
ov. namerans morn oo 200	Or.	a. dichroa Lec. 53–285	Ind. [L.Sup.
98. valida Horn 80–287	N.HVanc.	27. geminata Horn 80-299	MassIll.
99. merkeliana Horn 95–234	Wash.	28. confusa Horn 80–299	Nev.
3000. assimilis Lec. 50–221	N.HVanc.		
01. punctatostriata (Kby.) 37-	-110	Agathidium Illiger 98–81	
	N.HVanc.	3029 oniscoides Beauv. 05–160	CanGaIll.
indistincta Lec. 50–221	[Ind.	piceum Melsh. 44–103	[Ind.]
læta Mann. 53–201	Alas.	globatile Lec. 78–598	L.Sup.
02. difficilis Horn 80–288	Cal. So.Cal.	30. exiguum Melsh. 44–103	CanColo.
03. collaris Lec. 50–221	N.HB.C.	C T #0.000	Ind. Fla.
04. similis Fall 10–5	So.Cal.	ruficorne Lec. 50–222	[L.Sup.Conn.
05. curvata Mann. 53–202	Cal. Wash.	31. dentigerum Horn 80–303	Va. N.C.
morula Lec. 59–282 06. conferta Lec. 66–367	[Alas. Ill. Pa.	32. californicum Horn 80–303	Nev. Cal. Wash.
07. paludicola Cr. 74–74	Cal. So.Cal.	33. virile Fall 01–219	So.Cal.
08. strigata Lec. 50–221	L.Sup.Colo.	34. revolvens Lec. 50–222	CanVanc.
oo. strigata Dec. oo 221	B.C.	54. ICVOIVERS LCC. 50 222	So.Cal. Alas.
09. obsoleta (Melsh.) 46–107	AtlColo	35. sexstriatum Horn 80–303	Nev.
00. 0000000 (1.101011) 10 101	Tex. So.Cal.	36. bistriatum Horn 80–304	Nev. Cal.
10. sculpturata Fall 10–6	Ariz.	37. estriatum Horn 80–304	Colo.
11. ecarinata Horn 80–292	Nev. Cal.	38. repentinum Horn 80–304	N.H.
12. antennata Fall 10–6	So.Cal.	39. concinnum Mann. 52–370	So.CalAlas.
13. opacipennis Fall 10-5	Tex.	effluens Mann. 53–202	[Ariz.
— lateritia Mann. 52–245	Alas.	40. rotundulum Mann. 52–370	Alas.
		41. angulare Mann. 52–369	Alas. Colo.
Colenis Er. 45–82	3.5.O. TH. 711	42. politum Lec. 66–370	CanMo. Ind.
3014. impunctata Lec. 53–284	M.St.Fla.Ill.	parvulum Lec. 78–598	L.Sup.
	Ind. La.	43. pulchrum Lec. 53–286	N.H. Ky. Cal.
	1 -		

[†] Introduced or circumpolar.

Agathidium Illiger

mandibulatum Mann. 53-203

3044. difforme (Lec.) 50-222 N.H. L.Sup.

Aglyptinus Ckll 06–240 (*Aglyptus* || Lec. 66–369) (*Aglyptonotus* Champ. 13–65) 3045. levis (Lec.) 53–284

Can.-La. Ind.

CLAMBIDÆ

Empelus Lec. 62-52

3046. brunnipennis (Mann.) 52–369

Clambus Fischer

3049. seminulus Horn 80–313 50. vulneratus Lec. 79–512

Ariz.(So.Cal.?)

Colo.

Clambus Fischer 20-52

3047. gibbulus (Lec.) 50–222 48. puberulus Lec. 63–26

Can.-Tex.Fla. Mass.-D.C. Ind.

Calyptomerus Redt. 48-159

3051. oblongulus (Mann.) 53-203 Alas. Colo.

SCYDMÆNIDÆ

Schaum 41; Müller & Kunze 22; Casey 97; Leconte 52

SCYDMÆNINÆ

LOPHIODERINI

Lophioderus Csy. 97-356		Lophioderus $\mathrm{C}_{\mathrm{SY}}.$	
3052. biformis (Mäkl.) 52–330	Alas.	3055. gracilis (Lec.) 52–155	Cal.
53. arcifer Csy. 97–359	Or. No. Cal.	56. myops Csy. 97–361	Cal.
54. atlanticus Schfr. 05–123	N.C.	57. ovipennis Fall 12-10	Idaho.

Euconnini				
Euconnus Thoms. 62–88 (Euconnus Thoms. s. str.)		Noctophus Csy. 97–387 3081. schmitti Csy. 97–388	N.C.	
3058. ventralis Csy. 97–366 59. clavipes (Say) 24–272 pilosicollis (Lec.) 50–218	Mass. N.Y. Fla, Mass [L.Sup.Ind.	Drastophus Csy. 97–389 3082. lævicollis Csy. 97–389	Cal. B.C.	
60. consobrinus (Lec.) 52–154 61. semiruber Csy. 97–368	N.Y. Ill. Ind.	Connophron Csy. 97–390	Can D.C.	
62. varicornis Csy. 97–369	Wy.	3083. repletum Csy. 97–399	Ark.	
63. bicolor (Lec.) 52–154	Conn.	84. optatum Csy. 97–399	Fla.	
lecontei (Schauf.) 66–11	Mass. Ia.	85. longipenne Csy. 97–400	Ia.	
(Scopophus Csy. 97–365)		86. acutipenne Csy. 97–401	Tex.	
64. cavipennis Csy. 97–371	Pa.	87. formale Csy. 97–402	Ia. Ind.	
65. occultus Csy. 97–372	Ia.D.C. Ind.	88. simulans Csy. 97–402	Tex.	
66. similis Blatch. 10–295 67. nigrescens Csy. 97–373	Ind. N.Y.	89. schaumi (Lec.) 52–151 magister (Lec.) 63–21 90. flavitarse (Lec.) 52–152	La. Fla. N.Y. Mich.	
68. affinis Csy. 97–374	Pa.	91. orcophilum Csy. 97–405	Ind.	
69. gratus Csy. 97–375	N.C.		Pa. Conn.	
70. putus Csy. 97–376	Tex.	92. longicorne Csy. 97–406	Tex.	
71. merus Csy. 97–377		93. rubrum Csy. 97–406	Tex.	
72. relucens Csy. 97–378	Fla.	94. dentiger Csy. 97–407	Ia.	
— mississippicus (Zimm.) 69–	251	95. extricatum Csy. 97–408	Fla.	
(<i>Xestophus</i> Csy. 97–365) 73. salinator (Lec.) 52–154	N.YIa. Ind.	96. ludificans Csy. 97–409 97. gaudens Csy. 97–410 98. nigripenne Csy. 97–410	Ia. Can. Ia.	
(<i>Psomophus</i> Csy. 97–366) 74. hædillus Csy. 97–380	R.I. [Conn.	99. fossiger (Lcc.) 52–152	MassN.C Colo.Fla. Ind.	
75. fatuus (Lec.) 52–155	Mass. N.Y.	3100. novellum Csy. 97–412	Miss.	
	Can. Fla. Ind.	01. brevicorne (Say) 24–273	Pa. Fla.	
76. impotens Csy. 97–382	Tex.	02. tenebrosum Csy. 97–414	R.I. Mass.	
77. callidus Csy. 97–383		03. femorale Csy. 97–414	Ia. Mich.	
78. debilis Csy. 97–383	Mich.	04. procerum Csy. 97–415	Fla.	
79. capitatus Csy. 97–384	N.C.	05. clongatum Csy. 97–416		
Pycnophus Csy. 97–385 3080. rasus (Lec.) 52–153	Can.N.Y. Pa.	06. clavicorne Csy. 97–417 brevicornis (Lec. nec Say) 5 07. abducens Csy. 97–418	N.Y. Pa. Ia. 52–153 [Ind. Pa. Ind.	
0000 14343 (1000) 02 100	Ia. Ind.	08. luteipes Csy. 97–418	Pa.	

Connophron Csy.		Connophron Csy.	
3109. lætulum Csy. 97–419	N.Y.	3140. caviceps Csy. 97–444	Pa.
10. furtivum Csy. 97–420	No. Ill.	41. gravidus (Lec.) 52–155	La.
11. comptum Csy. 97–421	Pa.	42. trinifer Csy. 97–445	R.ID.C.
12. humile Csy. 97–421	D.C.	43. debilitans Csy. 97–446	Pa. Ind.
13. pallidum Csy. 97–422	Pa.	44. trifidum Csy. 97–447	Wis.
14. angusticolle Csy. 97–423	Tex.	45. fulvum (Lec.) 52–155	N.YNo. Ga
15. frontale Csy. 97–423	R.I.	40 C 07 440	L.Sup. Ind.
16. frustum Csy 97–424	Fla.	46. repugnans Csy. 97–449	Tex.
17. integrum Csy. 97–425	O Ill. Ind.	47. calcaratum Csy. 97–450	S.W.Va.
18. occidens Csy. 97–426	Cal. So.Cal.	48. bifidum Csy. 97–451	Pa.
19. anale (Lec.) 52–153	La. Tex. Fla.	49. mutilans Csy. 97–452 50. capillosulum (Lec.) 52–152	Pa.
20. ventricosum Csy. 97–428 21. hirtellum (Lec.) 52–152	Tex. [L.Sup. Ga Ala.	50. Capinosulum (Lec.) 52–152	Fla. Ind.
22. decorum Csy. 97–430	Pa.	51. proximum Csy. 97–453	Tex.
23. digressum Csy. 97–430	Cal. So.Cal.	52. illustre Csy. 97–454	Iowa.
24. setiger Csy. 97–431	Tex.	53. lynceum Csy. 97–455	N.Y.
25. divisum (Šz.) 78–357	Fla.	54. basale (Lec.) 52–152	Ga. La. Fla.
26. testaceipes Ćsy. 97–433	Pa.	55. politum (Say) 25–245	No.Ill.
27. inerme Csy. 97–434	Mass.	56. longipilosum Csy. 97–458	Pa.
28. innocuum Csy. 97–434	Ill.	57. lacunosum Csy. 97–459	Pa. Conn.
29. conifer Csy. 97–435	Fla.	58. filitarse Csy. 97–460	N.C.
30. castaneum Csy. 97–436	Pa.	59. atrum Csy. 97–461	Pa.
31. triviale Csy. 97–437	Pa.	60. pertinax Csy. 97–462	Can.
32. osculans Csy. 97–438	R.I.	61. pallidipes Csy. 97–462	Pa.
33. pyramidale (Lec.) 63–167	Fla. Ala.	62. nigrum Csy. 97–463	Mich.
34. oregonense Csy. 97–439	Or.	63. paganum Csy. 97–464	Pa.
35. nimbatum Csy. 97–440	R.I. Pa.	64. limatum Csy. 97–465	R.I. N.Y. Can. Ia.
36. parcum Csy. 97–441	Ga. Fla. Ind.	65. pumilum Csy. 97–466	IV.1. Call. 1a.
37. clavatum (Lec.) 52–153 ?obscurellus (Lec.) 52–153	-	Smicrophus Csy. 97-467	
38. decipiens Csy. 97–443	Tex.	3166. leviceps Csy. 97–467	Iowa.
39. biceps Csv. 97–443	Pa.	67. evanescens Csv. 97–468	Fla.
39. biceps Csy. 97–443	Pa.	67. evanescens Csy. 97–468	Fla.
39. biceps Csy. 97–443	~		Fla.
39. biceps Csy. 97–443	Pa. Scydm <i>a</i>		rla.
	~	ENINI	ria.
Scydmænus Latr. 02–281	~		Colo.
	~	enini Scydmænus Latr.	
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475	Scydma MassIa. Pa.Va.Can.	Scydmænus Latr. 3179. tristis Csy. 97–484	Colo.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9	Scydma MassIa. Pa.Va.Can. Ia. [Ind.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486	Colo. Cal. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151	Scydma MassIa. Pa.Va.Can. Ia. [Ind. N.CGa.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473)	Colo. Cal. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478	Scydma MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487	Colo. Cal. Pa. Mass.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479	Scydma MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488	Colo. Cal. Pa. Mass. Can. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488	Colo. Cal. Pa. Mass. Can. Pa. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488	Colo. Cal. Pa. Mass. Can. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489	Colo. Cal. Pa. Mass. Can. Pa. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss.	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?)	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–489	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss. (Brachycepsis Bndl. 89–193	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Cal. So.Cal. Cal. (Fla.?)	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489	Colo. Cal. Pa. Mass. Can. Pa. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss. (Brachycepsis Bndl. 89–193 77. pacificus Csy. 97–482	Scydma MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?)	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss. (Brachycepsis Bndl. 89–193 77. pacificus Csy. 97–482 78. subpunctatus Lec. 52–150	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?)	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss. (Brachycepsis Bndl. 89–193 77. pacificus Csy. 97–482	Scydma MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?)	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss. (Brachycepsis Bndl. 89–193 77. pacificus Csy. 97–482 78. subpunctatus Lec. 52–150	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?) Cal. L.Sup. Mich.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492 3187. angustus (Lec.) 52–151	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss. (Brachycepsis Bndl. 89–193 77. pacificus Csy. 97–482 78. subpunctatus Lec. 52–150	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?)	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492 3187. angustus (Lec.) 52–151	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss. (Brachycepsis Bndl. 89–193 77. pacificus Csy. 97–482 78. subpunctatus Lec. 52–150 ?mariæ Lec. 52–151	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?) Cal. L.Sup. Mich.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492 3187. angustus (Lec.) 52–151	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas.
Scydmænus Latr. 02–281	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?) Cal. L.Sup. Mich.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492 3187. angustus (Lec.) 52–151	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas.
Scydmænus Latr. 02–281 (Scydmænus Latr. s. str.) 3168. perforatus Schaum 41–9 69. badius Csy. 97–475 70. conjux Csy. 97–476 71. cribrarius Lec. 52–151 72. turbatus Csy. 97–478 73. puncticeps Csy. 97–479 74. sculpticeps Csy. 97–479 75. ovipennis Csy. 97–480 76. sparsus Lec. 52–151 cautus Lec. mss. (Brachycepsis Bndl. 89–193 77. pacificus Csy. 97–482 78. subpunctatus Lec. 52–150 ?mariæ Lec. 52–151	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?) Cal. L.Sup. Mich.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492 3187. angustus (Lec.) 52–151	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas. Cal.
Scydmænus Latr. 02–281	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?) Cal. L.Sup. Mich.	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492 3187. angustus (Lec.) 52–151	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas. Cal.
Scydmænus Latr. 02–281	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?) Cal. L.Sup. Mich. Opre	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492 3187. angustus (Lec.) 52–151 CSINI Delius Csy. 97–497 3192. robustulus Csy. 97–497	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas. Cal.
Scydmænus Latr. 02–281	MassIa. Pa.Va.Can. Ia. [Ind. N.CGa. Pa. N.C. Tex. Cal. So.Cal. Cal. (Fla.?) Cal. L.Sup. Mich. Opre	Scydmænus Latr. 3179. tristis Csy. 97–484 80. fuchsi Bndl. 89–193 81. pubipennis Csy. 97–486 (Parascydmus Csy. 97–473) 82. ventriculus Csy. 97–487 83. corpusculum Csy. 97–488 84. caducus Csy. 97–488 85. exiguus Csy. 97–489 (Taphroscydmus Csy. 97–4 86. californicus Mots. 45–48 Catalinus Csy. 97–492 3187. angustus (Lec.) 52–151 ESINI Delius Csy. 97–497 3192. robustulus Csy. 97–497 Neladius Csy. 97–498	Colo. Cal. Pa. Mass. Can. Pa. Pa. Pa. Alas. Cal.

CEPHENNHNI

Cephennium Müller & Kunze	22-12	Cephennium Müller & Kunz	ze
3194. corporosum Lec. 52–150	N.Y. Ind.	3196. anophthalmicum Bndl. 8	89-194
95. virginicum Csy. 97–503	Va.	**	Cal.
*		97. breve Schauf. 87–319	N.Am.

ASCYDMINI

Ascydmus	Csy.	97-505
3198. tener	Csy.	97-506

Pa.

EUTHEIINI

Eutheia Steph. 30–115		$oldsymbol{ abla}$ eraphis C_{sy} .	
3199. americana Csy. 97-508	Pa.	3204. scitula (Mäkl.) 52–330	Alas. L.Sup.
·		05. cristata (Bndl.) 93–284	Pa.
Veraphis Csy. 97-509		06. colon (Horn) 68–131	Ariz. So.Cal.
3200. impressa (Lec.) 79–513	Cal.	` '	
01. longula (Lec.) 79–513	Colo.	Euthiodes Bndl. 93–283	
02. cavicornis Csy. 97–511	Ut.	3207. latus Bndl. 93–283	Ia.
03. capitata Csv. 97–512	Pa.		

CHEVROLATIINI

LEPTOSCYDMINI

Chev	rolatia Duval 50–4	5
3208.	amœna Lec. 66-370)

N.Y.-Ga.Fla.

Lepto	oscydmus Csy. 97–518	
	caseyi (Bndl.) 93–282	Pa.
10.	cavifrons Csy. 97–520	Pa.

EUMICRINI

Eumicrus Lap. 40–209 (Microstemma Mots.)		Eumicrus Lap. 3221. saginatus Csy. 97–533	Ia.
3211. grossus (Lec.) 63–26	Fla. La. Ark.	•	ia.
12. occipitalis Csy. 97–526 13. vestalis Csy. 84d–85	S.C. Ariz.	Acholerops Csy. 97–535 (Cholerus ‡ Thoms. 62–91)	
14. foveatus Csy. 97–528 15. quadriceps Csy. 97–529	Tenn. Ariz.	3222. zimmermanni (Schaum) 41	–26 Mich. Pa. Ga.
16. motschulskii (Lec.) 63–26	Fla. La. Ill. S.C. Ind.	punctatus (Csy.) 84–86 23. retrusa Csy. 97–537	[Ind.
17. lucanus Horn 95–235 18. floridanus Csy. 97–530	L.Cal. Ariz. Fla.	25. retrusa Csy. 91-551	Pa.
19. longicollis Csy. 97–531	Va.	Ceramphis Csy. 97–538 3224. deformata (Horn) 85–138	So.Cal. Ariz.
20. ochreatus Csy. 97–532 cruralis Csy. 97–534	Ill. Ill.		DO. Car. Aliz.

CLIDICINÆ

Papusus Csy. 97–542 3225. macer Csy. 97–544

Cal. So.Cal.

ORTHOPERIDÆ (CORYLOPHIDÆ)

Leconte 52; Matthews 99; Casey 00; Csiki 10

CORYLOPHINI

Bathona Csy. 00–61		Corylophodes Matth.	
3226. carolinæ Csy. 00–62	N.C.	3233. schwarzi Matth. 99–149	So.Cal.
27. virginica Csy. 00–62	Va.		
28. convexa Csy. 00-62	N.C.	Gronevus Csy. 00–63	
29. sphæricula Csy. 00–62	Pa.	3234. sticticus Csy. 00-64	Ia.
•		35. fuscicornis Čsy. 00–64	Can.
Corylophodes Matth. 85–160		36. truncatus (Lec.) 52–143	Mass'N.J.
3230. marginicollis (Lec.) 52–143	R.IN.C. Ind.		Fla. Man.
31. impunctatus Csy. 00–63	Fla. [Fla.	37. hesperus Csy. 00–64	Ia. Neb. Ind.
32. subtropicus Csy. 00–63	Tex.	38. lævis Csy. 00–64	Va.
		-	

ORTHOPERINI

Rypobius Lec. 52–142 (<i>Rhypobius</i> G. & H. 76–3818)		Orthoperus Steph. 29–186 3242. princeps Csy. 00–66	Colo.
3239. marinus Lcc. 52–142	Ŕ.IVa. Fla. Tex.	43. cribratus Matth. 99-183 44. glaber Lec. 52-142 45. suturalis Lec. 52-142	Cal. N.JFla. Ind.
Eutrilia Csy. 00-65 3241. brunnea Csy. 00-66	Cal.	46. texanus Csy. 00–67 47. micros Csy. 00–67	Fla. L.Sup. Tex. Ill. Ind.

STAPHYLINIDÆ

Orthoperus Steph. 3248. arizonicus Csy. 00–67 49. alutaccus Csy. 00–67	Ariz. So.Cal. Tex.	Orthoperus Steph. 3250. crotchi Matth. 99-184 51. gracilipes Matth. 99-183	N.Am. N.Am. (?U.S.)	
•	Serico	DERINI		
Sericoderus Steph. 29–188 3252. lateralis (Gyll.) 27–516 flavidus Lec. 52–143	Cosmop. Man. So.Cal. N.YL.Sup. Fla.	Sericoderus Steph. 3253. obscurus Lec. 52–143 54. subtilis Lec. 52–134 55. quadratus Csy. 00–68 56. debilis Csy. 00–69	Mass. N.Y Pa. N.C., Ind. L.Sup. Fla. Tex. Ill. Cal.	
	Saciini (P	'ARMULINI)		
(Clypeaster Latr. ‡ 29–162) (Parmulus Harold 84–126) 3257. montanum Csy. 00–70 58. lugubre Lec. 52–144 59. nigrum Csy. 00–70 60. fuscum Harold 75–213 obscurum Lec. 52–144 61. balteatum Matth. 99–43 62. hemipterum Horn 96–373 Molamba Csy. 00–71 3263. obesa Csy. 00–71 64. specularis Csy. 00–71 65. biguttata (Lec.) 79–152 66. lunata (Lec.) 52–144 67. parvula Csy. 00–71 68. lepida (Lec.) 52–144	Colo. L.Sup. Man. Ut. L.Sup. N.C. Cal. (Fla.?) Cal. Tex. Colo. Ut. Mass. Mo. Fla. Conn. Fla. Tex. Fla.	Molamba Csy. 3269. ornata Csy. 00-71 70. amabilis (Lec.) 52-144 71. fasciata (Say) 27-259 subfasciata (Guér.) 29-323 72. decora Csy. 00-72 Arthrolips Woll. 54-475 3273. nimius Csy. 00-72 a. robustulus Csy. 00-72 74. cinctus Csy. 00-73 75. mollinus (Sz.) 78-356 76. scitulus (Lec.) 52-145 77. splendens (Sz.) 78-357 78. decolor (Lec.) 52-145 californicus (Matth.) 99-45 79. misellus (Lec.) 52-145 80. sparsus Csy. 00-73	Ia. Ind. So.Cal. D.C. Ind. Fla. [Conn.L.Sup. Tex. So.Cal. Cal. Va. Fla. So.Cal. Fla. So.Cal. Ia. Mass. Pa. Tex.	
	AENIGMA	TICINI		
Ænigmaticum Matth. 88–104 3281. californicum Csy. 89–144	Cal. So.Cal.	Enigmaticum Matth. 3282. elongatum (Lec.) 78–399 ptilioides (Matth.) 87–105	Fla. C.Am.	
STAPHYLINIDÆ				
Bernhauer & Schube	rt 10, 14; Casev 9	93, 16; Duvivier 83; Eichclbaum	09	
MICROPEPLINÆ				

Micropeplus Latr. 09–377		Micropeplus Latr.	
3283. brunneus Mäkl. 52–326	Alas. Cal.	3289. sculptus Lec. 63-60	Ga.
84. cribratus Lec. 63–60	Ga.	90. tesserulus Curtis 40–204	Eur.&N.Am.
85. laticollis Mäkl. 53–199	Alas. Alb.		N.Mex.
86. marietti Duv. 59–82	B.C. Alas.	costatus Lec. 50–221	L.Sup. Cal.
87. obliquus Lec. 77–252	B.C.		Alas.
88. punctatus Lec. 63–26	Alas. So.Cal.	Kalissus Lec. 74–50	
costatus ‡ Mäkl. 52–325		3291. nitidus Lec. 74–51	Vanc.
·			•

OXYTELINÆ

PIESTINI

Trigonuri Trigonurus Muls. & Rey 47-51	5	Trigonurus Muls. & Rey 3297. subcostatus Mäkl. 52–320	Alas.
3292. cælatus Lcc. 74–48 93. crotchi Lec. 74–48	Cal. Cal. Vanc.	Piesti Siagonium Kby. 15-1	
94. edwardsi Sharp 75–205	Cal. So.Cal.	(Prognatha Latr. 29–439)	
95. lecontei Sharp 75–205 96. rugosus Sharp 75–204	Cal.	3298. americanum Melsh. 46–42 convergens Sachse 52–147	Pa. Ga. Nfld.

Siagonium Kby. 3299. punctatum Lec. 66–376	Pa. Ariz.	Eleusis Cast. 3307. pallida Lec. 63–58	Pa. Ia. Col.
Hypotelus Er. 40–840 3300. capito Lcc. 80–181 01. hostilis Fauv. 65–43	B.C. Tex. Fla. Mex.	Lispini Ancæus Fauv. 65–60 (Holotrochus (pars) Sharp 3308. exiguus (Er.) 40–830	N.Y. D.C. (76–387) Cosm. Ind.
Piestus Grav. 06–223 3302. extimus Sharp 87–713 03. erythropus Er. 40–834	Mex. Ariz. (La.?) Mex. W.I.	rufescens (Lec.) 63–59 Lispinus Er. 40–828	Fla.
Eleusii Eumalus Sharp 87–732 3304. nigrella (Lec.) 63–59 a. canadensis (Horn) 71–299	Cal. Ont. Ohio.	3309. æquipunctatus Lec. 68–50 10. californicus Lec. 63–59 11. lincaris Er. 40–829 12. prolixus Lec. 77–250 13. tenellus Er. 40–830	N.Mex. So.Cal. N.Am.So.Cal. N.Y. N.Am. Fla.
Triga Fauv. 77–183 3305. picipennis (Lec.) 63–59	Kan. Que. Mass. N.H.	tenuis Lec. 63-60 Thoracophori Thoracophorus Mots. 37-98	Fla.
Eleusis Cast. 35–131 (Isomalus Er. 40–838) 3306. humilis Er. 40–839 fasciata Lec. 63–59	Ohio. Cal. Ariz.	(Glyptoma Er. 40–908) 3314. brevicristatus Horn 71–332 15. costalis Er. 40–909	N.Am. N.Am. Ind. Fla. So.Cal. Conn.
	Pseur	OOPSINI	
Pseudopsis Newn. 34–313 3316. detrita Fall 02–226 17. minuta Fall 02–226 18. obliterata Lec. 79–511	So.Cal. So.Cal. Colo.So.Cal.	Pseudopsis Newn. 3319. sulcata Newn. 34–314 columbica Fauv. 66–11	Eur.&N.Am. Can.Mich. L.Sup.
	Рнгоео	CHARINI	
Olisthærus Heer 42–183 3320. megacephalus (Zett.) 28–56 laticeps Lec. 50–219	Eur.&N.Am. Can. Cal.Alas.	Olisthærus Heer 3321. nitidus Lec. 50–219 substriatus Gyll. ‡ 28–233	Can. Mass. Ct. Eur. Sib.
	Prote	DININI	
Proteinus Latr. 96–9 (Protinus ‡ auct.) 3322. atomarius Er. 40–904	Eur.	Proteinus Latr. 3328. densipennis Bnhr. 12–678	Cal.
parvulus Lec. 63–58 23. basalis Mäkl. 52–324 24. limbatus Mäkl. 52–323	Can. L.Sup. Alas. [Mass. Eur. Alas. N.H.	Megarthrus Steph. 32–330 3329. atratus Mäkl. 52–325 30. excisus Lec. 63–58 31. sinuatocollis Boisd. 35–493	
a. mäklini Fauv. 68–494 25. salebrosus Csy. 85–323 26. sulcatus Fauv. 77–195	Alas. Cal.Nev. Cal. Cal.	angulicollis Mäkl. 52–325 32. americanus Sachse 52–149	Alas. Colo. W.Va. N.Am. Ind.
27. brachypterus(Fab.)92–235	Eur.&N.Am. Alas.	33. pictus Mots. 45–39	Alas.
	OMAL	IINIÆ	
Tanyrhinus Mann. 52–349 3334. singularis Mann. 52–349	Alas. Cal.	Anthobium Steph. 3342. fraternum Csy. 93–432 43. gilvipenne Csy. 93–428	No.Cal. Cal.
Trigonodemus Lec. 63–57 (<i>Arimimelus</i> Kr. 77–105) 3335. striatus Lec. 63–57	N.Am. Pa.	44. horni Fauv. 77–202 45. marginatum Say 34–463 46 nigerrimum Csy. 93–427 47. pothos Mann. 43–235	Ind. Mo. Ga. Mo. River. So.Cal. Nfld.
Anthobium Steph. 32–335 3336. atriventre Csy. 93–431	So.Cal.	dimidiatum Melsh. 46–43 48. punctatum Csy. 93–429 49. rugulosum Mäkl. 53–199	Cal. Alas.
37. aurifluum Fauv. 77–201 38. californicum Fauv. 77–199 39. convexum Fauv. 77–201	Cal. Cal. E.St.Ind. Conn.	50. segmentarium Mäkl. 52–32 51. orientale Bnhr. 12–678 ?sorbi Gyll. 28–206	2 Alas. N.H. Mass. Greenland, Eur.&N.Am.?
40. diversicolle Csy. 93–428 41. fimetarium Er. 40–899	Cal. Nev. Ut. Alas.	52. subangulatum Csy. 93–430 53. tibiale Csy. 93–429	

Acrulia Thoms. 61–199 3354. tumidula (Mäkl.) 53–199	Alas. Wash.	Phloeonomus Heer 3393, lapponicus Zett. 38–73	Eur.&N.Am.
Pycnoglypta Thoms. 61–198 3355. lurida (Gyll.) 28–701	Eur.&N.Am. B.C.Mass.	argus Lec. 50–22	(Arc.) Colo. Alas. Lab. Nfld. [Man.
Phyllodrepa Thoms. 60–52 (Phyllodrepa Thoms. s. str. 3356. atra (Csy.) 93–420	N.C.	(Phlæonomus s. str.) 94. pusillus Grav. 06–205 95. suffusus Csy. 93–424	Eur.&N.Am.? Alas. Colo. Alas.
57. cacti Sz. 99–9 58. caseyi Bnhr. 10–46 pacifica (Csy.) 93–421 59. punctiventris (Fauv.) 77–2	Ariz. Cal. No.Cal. 210	Micralymma Westw. 38–129 (Microlymma G.& H. 69–6 3396. brevilingue Schiödte 44–3	70
60. strigipennis (Mäkl.) 52–32	Pa. Mo. 0 Alas. So.Cal. [Sib.	97. marinum Stroem 85– 98. stimpsoni Lec. 63–57	Greenland. Greenland. Me.
(Hapalaræa Thoms. 60–50 61. megarthroides (Fauv.) 78–	44 CalB.C.	Porrhodites Kr. 58–961 3399. fenestralis (Zett.) 28–50	Eur.&N.Am. Alas. Colo.
62. pygmæa (Gyll.) 28–223 ulmi Mots. 57–493 63. ?florale Payk. 89–67 rufipes ‡ Fauv. 72–62	Eur.&N.Am. Eur.&N.Am. Or. Ind. Can.	Orochares Kr. 58–955 3400. angustatus (Er.) 40–874	[Mich. Eur.&N.Am. Mass.
Eunonia Csy. 04–313 3364. keeniana Csy. 04–314	Pa. B.C.	Deliphrum Er. 39–627 3401. æquicolle Csy. 93–419 02. expansum Lec. 75–510 03. occiduum Csy. 93–420	Cal. Colo. No.Cal.
Haida Keen 97–285 3365. keeni Keen 97–285	Alas. Vanc.	Lathrimæum Er. 39–624 3404. atrocephalum Gyll. 27–463	Eur.&Cal. Alas.
Omalium Grav. 02–111 (Homalium ‡ auct) (Omalium s. str. Luze 06–5) 3366. algarum Csy. 85–316 fucicola Csy. 85–285 67. alutaceum Fauv. 77–207 68. caesum Grav. 06–209 corticinum Mots. 57–492 69. callosum Mäkl. 52–323	05) Cal. So.Cal. Eur.&Cal. Alas.	05. humerale Csy. 86–243 ?subcostatum Mäkl. 06. pictum Fauv. 77–233 07. fimetarium Mann. 30–72 08. nigropiceum Csy. 93–417 09. reflexicolle Csy. 93–417 10. spretum Csy. 93–418 11. sordidum Er. 40–871 ?marginatum Kby. 37–89	No.Cal. So.Cal. Cal. Alas. Cal. B.C. No.Cal. Va.
70. capito Csy. 93–423 71. cribrum Fauv. 77–216 72. diffusum Fauv. 77–207 73. exsculptum Mäkl. 52–321 74. flavidum Ham. 96–347 75. flavipenne Mäkl. 53–198 76. foraminosum Mäkl. 52–322 77. fractum Fauv. 77–212 78. hamatum Fauv. 77–209 79. humerosum Fauv. 77–209 80. humile Mäkl. 53–197 81. lacustre Csy. 93–422	Wis. Ks. Tex. Ga. L.Sup. N.W.Am.Cal. Pa. Alas.	Olophrum Er. 39–622) (Lathrium Lec. 50–221) 3412. obtectum Er. 40–865 rotundicolle Say nec Sahlb 13. rotundicolle (Sahlb.) 17–28. convexicolle Lec. 50–21 14. convexum Mäkl. 53–195 15. marginatum Mäkl. 53–196 16. fuscum Grav. 06–211 latum Mäkl. 53–194 17. parvulum Mäkl. 53–195	1 Eur.&N.Am. [L.Sup.Man. Alas.
82. longulum Mäkl. 52–323 83. oxyacanthæ Grav. 06–210 84. plagiatum Mann. 43–235 85. quadripenne Csy. 93–425 86. repandum Er. 40–878	Alas. Eur.&N.Am. Alas. So.Cal. Va. Ind. Fla. So.Cal.	Arpedium Er. 39-618 3418. quadrum (Grav.) 06-213 19. cribratum Fauv. 77-225 20. schwarzi Fauv. 77-225 21. angulare Fauv. 77-226	Eur.&N.Am. N.H. Mass. Ind. Ohio, Ind.
87. rivulare (Payk.) 89–65 88. rugipenne Csy. 85–317 89. texanum Fauv. 77–213 90. theveneti Fauv. 77–218 91. excavatum Steph. 32–355	Eur.&N.Am. Cal. [Cal. Tex. So.Cal. Greenland.	22. tenue Lec. 63–55 23. brachypterum (Grav.) 02–1 gyllenhali (Sahlb.) 17–286 ?brunnescens Sahlb. 70–423	Eur.&N.Am. [Lab. L.Sup.
(Xylodromus ?auct.) 92. concinnum Marsh. 02–540	Greenland.	Acidota Mann. 30–55 3424. crenata (Fab.) 92–525	Eur. Man.
Phloeonomus Heer 38–184 (Phloeostiba Thoms. 61–208 (Distemmus Lec. 62–69)	8)	seriata Lec. 63–55 25. subcarinata Er. 40–863	Mich. Can. [Mass. N.Am. Ind.

Acidota Mann.		Micrædus Lec.	
3426. quadrata Zett. 38–53	Lab. Eur.&	3447. laticollis (Mann.) 43–234	Alas.
patruelis Lcc. 63–56	N.Am. Alas [N.H.	Pelecomalium Csy. 86-241	
	[14.11.	3448. testaceum (Mann.) 43–234	Alas.
Amphichroum Kr. 58-947		49. binotatum Csy. 86–242	Cal.
(Stachygraphis Horn 82–28	5) So.Cal.	50. sparsum (Fauv.) 77–237	Cal.
3427. floribundum Lec. 63–56 28. flavicorne Csy. 86–235	Cal.	51. pilosellum Csy. 86–237 52. scutatum (Fauv.) 77–238	Cal.
29. maculatum (Horn) 82–285		53. puberulum (Fauv.) 77–240	
30. maculicolle Mann. 43–234	Alas.	54. flavescens Csy. 93–414	Cal.
Paralesteva Csy. 05-164		55. lævicolle (Lec.) 66–375	Pa.
(Pseudolesteva Csy. 93–398)		56. opaculum (Fauv.) 77–241 57. veterator Csy. 86–238	Cal.
(Lesteva ‡ auct. ncc Latr.)		of modestum Csy. 86–242	Cai.
3431. pallipes (Lec.) 63–55	Ind. Can	58. crassicorne Csy. 86–239	Cal.
biguttula (Lec.) 63–55	[Ala. Nfld.	59. pallidum Csy. 93–415	Cal. Nev.
picescens (Lec.) 63–55		60. alutaceum Csy. 86–236	Cal.
Tevales Csy. 93-398	D	Geodromicus Redt. 58-224	
3432. cribratulus Csy. 93–399	Pa.	(Anthophagus ‡ auct. nec G	
Unamis Csy. 93–398		3461. brunneus (Say) 23–158 cæsus Er. 40–853	E.St. Ind.
3433. truncata (Csy.) 85–322	Cal.	62. strictus Fauv. 89–126	Ind. Mass
Artochia Csy. 93-398			Mich. Nfld.
3434. productifrons Csy. 93–401	Cal.	nigrita ‡ Fauv. 78–90 nec M	
		63. fauveli Csy. 93–408 64. plagiatus (Fab.) 98–180	Or. Eur.&N.Am.
Vellica Csy. 85–321	Cal.	ovipennis Lec. 77–452	[Ut. N.Y. Ga.
3435. longipennis Csy. 85–431	Cai.	verticalis (Say) 34–463	[00:00:00
Tilea Fauv. 77–246		65. nubilatus Csy. 93–408	N.Mex.
(Phleopterus Mots. 52–78)	Alon	66. debilis Csy. 93–409	Colo.
3436. fusconigra (Mots.) 52–78 37. cavicollis Fauv. 77–246	Alas. B.C. Cal.	67. temporalis Csy. 93–410 68. humboldtianus Csy. 93–411	Cal. No.Cal.
38. longipalpus (Csy.) 85–318	Cal.	69. integer Csy. 93–412	Wash.
39. rufitarsis Csy. 93–403	No. Cal.	Eudectus Redt. 58-245	
40. filicornis (Csy.) 85–318	Cal.	3470. crassicornis Lec. 85-4	La.
41. brevipennis Csy. 93–404 42. castanea Csy. 93–404	Wy. Colo.		
42. Castanca Osy. 99 404	Colo.	Ephelinus Ckll. 06–241 (<i>Ephelis</i> Fauv. 77–219)	
Orobanus Lec. 78–453	C 1 W	3471. guttatus (Lec.) 63–58	Fla.
3443. simulator Lec. 78–453 44. rufipes Csy. 86–245	Colo. Vanc.	72. notatus (Lec.) 63–58	Pa.Ind.
44. runpes Csy. 80–249	No.Cal. So.Cal.	73. pallidus (Lec.) 63–57	Kan.
45. densus Csy. 86–246	So.Cal.	Boreaphilus Sahlb. 34–433	
Micrœdus Lec. 74–273		3474. americanus Notman 18–188	N.J.
(Micraedus ‡ auct.)	•	Renardia Mots. 65-583	
3446. austinianus Lec. 74–273	Nfld.	$3474\frac{1}{2}$. jubilosa Mots. 65–584	N.Y.
	Oscaro		
2 1	Охут	· ·	
Coprophili Syntomium Curtis 28–228		Oxyteli Ancyrophorus Kr. 58–886	

Соргории		Oxyteii	
Syntomium Curtis 28–228		Ancyrophorus Kr. 58–886	
3475. confragosum Mäkl. 52-319	Alas.	(?Ochthephilus Rey 56-1)	
O .		3482. biimpressus (Mäkl.)52-319	Alas.Eur.Nfld.
Deleaster Er. 39-610		83. planus Lec. 66–26	L.Sup. So.Cal.
3476. concolor Lec. 66–375	Cal. Vanc.	P. M.	
77. trimaculatus Fall 10–115	Colo.	Trogophlœus Mann. 30-49	
		(Carpalinus Steph. 32–324)	
Zalobius Lec. 74–49		3484. caloderinus Lec. 77–246	Tex.
3478. serricollis Lec. 75–170	So.Cal.	85. arcifer Lcc. 77–245	Tex. Fla. Ind.
79. spinicollis Lec. 74–49	VancCal.	86. americanus Bnhr. 11–95	Ky. Va.
•		anthracinus ‡ Csy. 89–330	
Asemobius Horn. 95–238		87. corvinus Csy. 89–331	Mass.
3480. caelatus Horn 95–238	Cal.	•	
		(Trogophlæus s. str.)	
Coprophilus Latr. 29–439		88. dentiger Csy. 89–333	Ariz. So.Cal.
3481. striatulus (Fab.) 92–529	Eur.&N.Am.	89. fulvipes Er. 40–804	Fla. No.& So.
` ,	Can.	texanus Csy. 89–334	Tex. [Am.
		•	•

Trogophlœus Mann.		Trogophlœus Mann.	
3490. armatus Csy. 89–335	Cal.	3545. facetus Csy. 89–378	R.I
91. gilæ Csy. 89–335	Ariz. So.Cal.	fallax Csy. 89–375	L.Sup.?♀
92. prominens Csy. 89–336	So.Cal.	46. confusus Csy. 89–378	N.J.
93. pacificus Csy. 89–337	So.Cal.	47. scrupulus Csy. 89–379	Tex.
94. arizonæ Csy. 89–338	Ariz.	48. fuliginosus (Grav.) 02–102	Mass. D.C.
95. occiduus Csy. 89–339	Cal.	49. insolitus Csy. 89–380	Cal. [Eur.
96. bilineatus Steph. 32–324	Eur.&N.Am.	50. uniformis Lec. 77–244	Ga. Pa.
riparius Lac. 35–467	[VancMass.	51. filum Csy. 89–381	So.Cal. Pa.
97. memnonius Er. 40–806 98. quadripunctatus (Say) 34-	Ind. Fla. -450	52. decoloratus Csy. 89–382 53. pusillus (Grav.) 02–78	Eur.&N.Am.
38. quadripunctatus (Say) 34	Pa.N.Y.L.I.	tantillus Csy. 89–383	Tex.Ariz.
	Ind. Fla.	ourcinas obj. do dod	So.Cal.
laticollis Lec. 63-55	Fla.?	54. caseyi Bnhr. 04–23	Mich.
99. conjunctus Csy. 89–342	Or.	— phytosellis Fvl. mss.	Fla.
3500. morio Er. 40–805	Pa.Mich.Kan.		
04 1 1 1 75	N.Y.	Apocellus Er. 40-812	
01. rivularis Mots. 60–552	Eur.&N.Am.	3555. bicolor Csy. 84–154	Neb.
spretus Csy. 89–343	Pa. Md. N.C.	56. sphæricollis (Say) 34–455	N.AmGuat.
02. apacheanus Csy. 89–344 03. obesus Kies. 44–375	Ariz. Eur.&N.Am.	amabilis (Sachse) 52–116	Fla. Ind. Ariz.
fossulatus Mots. 57–505	17u(.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	globosus Melsh. 46–30	So.Cal.
mancus Csy. 89–345	Tex.	longicornis (Sachse) 52–116 57. crassicornis Csy. 84–156	Colo.
memnonius Fauv. 72–151		58. niger Csy. 86–232	Tex.
spectatus Csy. 89–345	Fla.	59. gracilicornis Csy. 84–157	So.Cal. Ariz.
tarsalis Hochh. 49–196		60. brevipennis Csy. 84–158	La. Tex.
04. imbellis Csy. 89–346	lowa.	61. analis Lec. 77–247	LaSo.Cal.
05. lepidus Csy. 89–347	lowa.	62. stilicoides Lec. 77–247	Fla. [Ariz.
06. diffusus Csy. 89–350	So.Cal.	63. cognatus Sharp 87–695	La.
07. lapsus Csy. 89–350 08. phlœoporinus Lec. 77–246	Cal. Ill. Ia.		
09. poseyensis Blatch. 10–471	Ind.	Aploderus Steph. 32–321	
10. egregius Csy. 89–352	R.I.	(Haploderus Kr. 58-863)	
11. lithocharinus Lec. 77–245	Cal.	(Phlæonæus Er. 39–597)	α 1 α
12. obliquus Csy. 89–353	Cal.	3564. linearis Lec. 63–55	CalB.C.
13. sculptilis Csy. 89–354	Cal.	65. trinifex Fall 10–114 66. mimeticus Fall 10–115	So.Cal.
14. difficilis Csy. 89–354	N.C. Md.	67. cephalotes Csy. 89–74	So.Cal.&S.F.
15. congener Csy. 89–355	Pa.	68. princeps Csy. 89–75	Cal. Nev.
16. corticinus (Grav.) 06–192 a. fulvipennis Fauv. 63–440	Eur.&N.Am. TexMass.	69. flavipennis Csy. 89–76	So.Cal.&S.F.
17. agonus Csy. 89–356	Tenn.Ind.Fla?	70. annectens (Lec.) 77–242	Cal.
18. temporalis Csy. 89–357	N.Y. Mass.		
19. probus Csy. 89–358	N.C.	Oxytelus Grav. 02-101	
20. nanulus Csy. 89–358	Tex. N.J.	(Anotylus Thoms. 61–130)	
21. modestus Csy. 89–359	Tex.	3571. sculptus Grav. 06–191	Fla. Cosmop.
22. brachypterus (Lec.) 77–24		W 11 40 40	Ind. Ct. Sib.
23. pertenuis Csy. 89–360	Tex.	moerens Melsh. 46–42	Can. Vanc.
24. detractus Csy. 89–361 25. subtilis Er. 39–606	Iowa. Eur.&N.Am.	72. insignitus Grav. 06–188	So.Cal. Ind.Fla.Conn.
indigens Csy. 89–362	R.I. Pa.	americanus Mann. 30–48	N.Y. Tex.
26. gracilis Mann. 30–51	Mich. Eur.&	pumilio Boh. 58–34	[Mex.
	N.Am. S.C.	73. munitus Csy. 93-385	Pa.
27. graphicus Csy. 89–362	Mo.	74. breviceps Csy. 93–385	N.Y.
28. ingens Csy. 89–363	Ia. Ill.	75. convergens Lec. 77–236	Fla. Ga.
29. incertus Csy. 89–364	Tenn.	76. laqueatus Marsh. 02–513	Eur.&N.Am.
30. delicatus Csy. 89–365	Mich.Pa.Ind.	fuscipennis Mann. 43–233	Alas. Nfld.
31. pudicus Csy. 89–368 32. robustulus Csy. 89–369	N.J. N.Y.	?fuscipennis Lec. nec Ma	Kan. Ill. Pa.
33. confinis Csy. 89–369	So.Cal.	77. nimius Csy. 93–388	Pa.
34. pauperculus Csy. 89–370	So.Cal.	78. montanus Csy. 93–388	Cal.
35. languidus Csy. 89–371	Tex.	79. invenustus Csy. 93–389	Md.
36. bipuncticollis Csy. 89–372	Tex.	80. pennsylvanicus Er. 40–792	
37. simplarius Lec. 77–244	C.I.		Guat.
38. pallidulus Csy. 89–373	L.Sup.?	81. incolumis Er. 40–791	So. St. Fla.
39. salicola Csy. 95–450	Ut.	82. rugosus (Fab.) 75–267	Eur.&N.Am.
40. convexulus Lec. 77–244 41. debilis Csy. 89–374	Kan. Fla.	basalis Melsh. 46–41	Fla.La.Or.
42. blediinus Lcc. 77–244	So.Cal. So.Cal.	83. niger Lec. 77-235	Nfld. Cal. B.C.
43. providus Csy. 89–376	N.J.	оо. mgcr дес. 77-200	Man.
44. inquisitus Csy. 89–377	Tex.	84. placusinus Lec. 77–237	D.C. Ind.
		1	

Oxytelus Grav.		Bledius Mann.	
3585. densus Csy. 93–393	Tex. Md.	3636. analis Lec. 63–52	Ill. Ind. Mo.
86. alpicola Csy. 93–394	Colo.		Mon.
87. nitidulus Grav. 02–107	Eur.&N.Am.	37. nitidicollis Lec. 63–52	N.Y.
punctatus Lee. 77–236	[VancMass.	38. assimilis Csy. 89–55	Ill. Ia.
88. rugulosus Say 34–460	U.S.&Mex.	39. piceus Fall 10–108	Cal.
carbonellus Solsky 67–266 89. suspectus Csy. 93–395	Ind.N.Y.N.C.	40. punctatissimus Lec. 77–22 41. villosus Csy. 89–57	Cal. (Fla.?)
nitidulus Lec. nec Grav.	[Man.Neb.	42. laticollis Lec. 77–227	So.Cal.
90. sobrinus Lec. 77–237	So.Cal.S.W.	43. opacus Block 99–117	Eur.&N.Am.
91. vegrandis Csy. 93–396	Cal. [Ut.	·	Ia. N.Y.
92. nanus Er. 40–797	Tex.N.Y.Fla.	44. borealis Blatch. 10–465	Ind.
02 minus Pn 40 700	L.Sup.	45. nebulosus Csy. 89–57	lowa.
93. exiguus Er. 40–798 parvulus Melsh. 46–41	Ind. Fla.	46. longipennis Mäkl. 52–318 47. luteipennis Lec. 77–227	Alas.
pygmæus Melsh. 46–41		48. rusticus Fall 02–229	So.Cal. So.Cal.
94. niinimus Er. 40–798	B.C.	49. monticola Csy. 89–58	Cal.
95. tetracarinatus (Block) 99-		50. mysticus Fall 10–111	Wash. Mont.
	Eur.&N.Am.	51. sinuatus Lec. 77–228	Can. Ill.
depressus Grav. 02–103	[Ind.	52. gentilis Csy. 89–59	Cal.
Platestathus Mann 20 46		53. persimilis Fall 10–110	Cal.
Platystethus Mann. 30–46 3596. americanus Er. 40–784	ConnMex.	54. gracilis Csy. 89–60 55. annularis Lec. 63–53	Cal. Ind.Pa.Ill.Ia.
5550: americanus 111: 40 761	Ariz. So.Cal.	56. stabilis Csy. 89–61	Pa. Ind.
97. spiculus Er. 40–784	So.Am. Tex.	57. confusus Lec. 77–228	L.Sup. Ind.
		58. adustus Csy. 89–62	Colo.
Bledius Mann. 30–44		59. apicalis Fall 10–112	Cal.
3598. gularis Lec. 77–218		60. ruficornis Lec. 63–53	So.Cal.
99. pallipennis (Say) 23–155	Fla Comm	61. transitus Fall 19–26	C-1
mandibularis Er. 40–765 3600. fortis Lec. 77–219	Fla. Conn. Tex.	fratellus Fall 10–112 62. languidus Csy. 89–63	Cal. Or.
01. brevidens Lec. 77–219	N.Y. Fla.	63. bicolor Csy. 89–64	Cal.
02. ferratus Lec. 77–220	So.Cal.	64. divisus Lec. 63–53	Can.
03. jacobinus Lec. 77–220	So.Cal.	65. pleuralis Lec. 77–229	So.Cal. Ariz.
04. strenuus Csy. 89–44	Cal.	66. diagonalis Lec. 63–52	So.Cal.
armatus Lec. 63–51 nec Sa	·	67. parvicollis Csy. 89–65	Cal.
05. arizonensis Fall 10–103 06. furtivus Csy. 89–45	Ariz. Or.	68. tau Lec. 77–230 69. ornatus Lec. 63–53	N.Y. Nfld. So.Cal.
07. fenyesi Bnhr. 11–129	Cal.	70. albonotatus Mäkl. 53–193	Alas.
lecontei Bnhr. 05–14	Cui.	71. suturalis Lec. 63–54	Cal.
cribricollis ‡ Lec. 77–221		72. medialis Fall 10–113	Vanc.
08. monstratus Csy. 89–46	Cal.	73. clarus Fall 02–228	So.Cal.
09. eximius Csy. 89–47	So.Cal.	74. phytosinus Lec. 77–231	So.Cal.
10. gradatus Fall 10–104	Cal.	lecontei Duviv. 83–187	Tor So C
11. cuspidatus Lec. 77–394 12. armatus Say 23–155	Dak. Neb. N.Mex.	75. cognatus Lcc. 77–231 76. emarginatus Say 34–461	Tex. So.C. Ind. Fla. N.Y.
13. agonus Csy. 89–48	Ut.	troglodytes Er. 40–774	ma. i ia. iv. i ·
14. ineptus Csy. 89-48	N.Mex.Tex.	77. honestus Csy. 89–66	N.Y.
15. politus Er. 40–766	S.C. Fla.	78. dimidiatus Lec. 77–232	Fla.
16. episcopalis Fall 10–104	Cal.	79. basalis Lcc. 63–54	N.Y. Fla.
17. flavipennis Lec. 63–52	So.Cal.Ariz.	80. confinis Fall 10–114	Tex. R.I.
18. lectus Csy. 89–49 19. consimilis Fall 10–105	Cal. N.Mex.	81. ignavus Csy. 89–67 82. misellus Csy. 89–68	Tex.
20. tenuis Csy. 89–50	Nev.	83. neglectus Csy. 89–69	R.I.
21. turgidus Čsy. 89–52	Colo.	84. turbulentus Csy. 89–70	Fla.
22. semiferrugineus Lcc. 63-52	Fla.	85. opaculus Lec. 63–54	Me.
23. philadelphicus Fall 19–26	n	86. cordatus Say 34–461	Va. Ind. Fla.
dissimilis Fall 10–107	Pa.	87. forcipatus Lec. 63–54	So.Cal.
24. rotundicollis Lec. 77–223 25. fumatus Lec. 63–52	Neb. Ind. Fla.	— albidipennis Bnhr. 12–171 — cribricollis Heer 38–210	So.Cal. Eur.&N.Am.
26. foraminosus Csy. 89–53	Cal.	— fasciatus (Say) 23–156	Mo. [So.Cal.?
27. deceptivus Fall 02–227	So.Cal.	— fracticornis Payk. 90–17	Windsor, N.Y.
28. relictus Fall 02–228	So.Cal.	— melanocephalus(Say)23–156	
29. nitidiceps Lec. 77–224	So.Cal.	— rufipennis Er. 40–770	
30. opacifrons Lec. 77–224	So.Cal.	T1:1::	
31. rubiginosus Er. 40–765	S.C. N.Mex.	Thinobius Kies. 44–355	
32. gravidus Csy. 89–54 33. tallaci Fall 10–106	Cal.	(Thinophilus Muls. & Rey	79–322)
34. specularis Fall 10–109	Cal.	3688. oxytelinus Lec. 77–240	No.&So.Cal.
35. regularis Fall 10–109	Cal.	89. pallidicornis Csy. 89–80	Tex.

Thinobius Kies.		Thinobius Kies.	
3690. flavicornis Lec. 77–240	N.Y. L.I.	3698. pallidus Csy. 89–86	Tex.
91. grossulus Csy. 89–81	N.Y.	99. gracilicornis Csy. 89–87	Cal.
92. macropterus Lec. 77–241	Cal.	3700. crassicornis Csy. 89–87	Tex.
93. sonomæ Csy. 89–83	Cal.	01. validus Csy. 89–88	Cal.
94. fimbriatus Lec. 77–240	Mich.		
95. hespcrius Csy. 89–84	So.Cal. Ariz.	(Thinobius s. str.)	
96. pygmæus Csy. 89–85	Nev.	02. delicatulus Kr. 58–884	Eur.&N.Am.
97. antennarius Fauv. 77–261	Tex.		
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1 TI 10 PFF	0,501		
Holotrochus Er. 40–757		Osorius Latr. 29–438	
3703. brachypterus Fauv. 05–130		(Molosoma Say 34–462)	T., J. 721.
minor Lec. 77–216 nec Fau 04. lævicauda Lec. 66–376	Iv. Ind. Ill. La.	3705. latipes (Grav.) 06–198	Ind. Fla. Ind. Fla.
04. Revicauda Lec. 00-370	N.Mex.	06. planifrons Lec. 77–215 07. politus Lec. 77–215	Fla.
•	11.111011	or. pontus Lee. 11 210	14.
	Megalo	PSIDIINI	
	WIEGALO	_	
Megalopsidia Leng 18-204		Megalopsidia Leng	O T 1 TH
(Megalops Er. 40-751)	T., 1 721	3709. rufipes Lec. 63–51	Ga. Ind. Fla.
3708. cælatus (Grav.) 02–197	Ind. Fla.		
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	STE	NINÆ	
	STE	NINI	
St	212		
Stenus Latr. 96–77		Stenus Latr.	T. J.D. M. L.
(Stenus s. str.) 3710. punctiger Csy. 84–13	Colo.	3736. erythropus Melsh. 46–40	Ind.Pa.Mich. Colo. [Mass.
11. bipunctatus Er. 39–530	Ind. Eur.&	37. rugifer Csy. 84–47 anastomozans Csy. 84–48	Colo. [Mass. N.H.
11. Sipunctatus Di. 00 000	N.Am.	38. shoshonis Csy. 84–49	Wash.
	Ind. Pa. O.	39. vexatus Csy. 84–51	Wash.
comma Lec. 63–50	[B.C. Wash.	insularis Csy. 84–50	Vanc. Alas.
12. colon Say 34–458	Ind. Mich.	40. schwarzi Csy. 84–52	Mass.
	D.C.Va.S.St.	41. pauper Csy. 84–53	Mass.
13. renifer Lec. 63–50	So.Cal. Tex.	42. subtilis Csy. 84–54	Mich.
14 1 1 00 00	Ariz.	43. indigens Csy. 84–55	Mass.
14. semicolon Lec. 63–50	Mich. D.C. Ga. [S.St.	44. simplex Csy. 84–56	Or.
15. gemmeus Csy. 84–18 16. bilentigatus Csy. 84–19	Ga. [S.St. Va.	45. vicinus Csy. 84–57 46. ingratus Csy. 84–58	Pa.D.C.Ala. Mich.
*	¥ 64.	47. neglectus Csy. 84–59	Mass. Ont.
17. sculptilis Csy. 84–22	So.Cal. Nev.	iv. negreeous esg. er ev	Ill. Neb.
17. Sculptills Csy. 04 22	Cal. Wash.	48. vespertinus Csy. 84–61	Wash.
18. laccophilus Csy. 84–23	Ont.	49. scabiosus Csy. 84–60	Ind. L.Sup.
19. juno (Fab.) 01–602	Eur.&N.Am.	50. convictor Csy. 84–62	Wash.
• •	Nfld.Ind.Tex.	51. deductor Csy. 84–204	Mich.
	Can.Wash.	confusus Csy. 84–63	M T C
	Vanc. Mass.	52. inornatus Csy. 84–64	Mass. L.Sup.
20 martin - C - 04 05	Mich.	53. placidus Csy. 84–65 tumicollis Csy. 84–100	Mich. Mich.
20 verticosus Csy. 84–25	Vanc. Wash.	54. mendax Csy. 84–66	Mass.
21. tristis Csy. 84–27 22. austini Csy. 84–28	Cal. N.H. L.Sup.	55. eriensis Csy. 84–67	Mich.
23. ranops Csy. 84–29	S.St. [B.C.	56. sphærops Čsy. 84–68	Mass.
24. delawarensis Csy. 84–30	M.St.	57. militaris Csy. 84–69	L.Sup.
25. sectator Csy. 84–31	Wash.	58. pluto Csy. 84–70	Mass.
26. zunicus Csy. 84–32	Ariz. So.Cal.	59. incultus Csy. 84–71	Ariz. So.Cal.
27. femoratus Say 34–459	D.C. Ont.	60. corvus Csy. 84–72	B.C. Cal.
00 ' 'I' / DI / I 10 404	Mich.Ill.Ind.	61. maritimus Mots. 45–356	Man.
28. similatus Blatch. 10–404	Ind. [Man.	62. montanus Csy. 84–74	Alas. Vanc. N.H.
29. tacomæ Csy. 84–34	Wash.	63. alpicola Fauv. 72–236	Eur.&N.Am.
** 20. strongulotus Carr 84.20	Ind XIV	The state of the s	Man.
30. strangulatus Csy. 84–39	Ind. N.Y.	sibiricus J. Sahlb. 80–79	Colo. B.C.
31. tenuis Csy. 84–40 difficilis Csy. 84–41	Ont. [Mich. Ont. Mass.	***	
32. angustus Csy. 84–40	Ont. Mass.	64. costalis Csy. 84–77	Nev. So.Cal.
33. pettiti Csy. 84–42	Ont. M. St.	65. alveolatus Csy. 84–78	Nev. So.Cal.
34. scrupeus Csy. 84–43	Ont. L.Sup.	66. ellipticus Csy. 84–79	Cal.
35. intrûsus Csy. 84-44	Mass. Mich.	67. adelops Csy. 84–80	No.Cal.
	Can.	68. luctuosus Čsy. 84–81	Cal.Nev.B.C.
		2 3	

N.H.

Nev. Colo. Wash. Cal.

Mich. Ind. Fla. Ariz. So.Cal. [Ill.

•		
Stenus Latr.		Stenus Latr.
***		3810. monticola Csy. 84–134
3769. nanus Steph. 32–300	Eur.&N.Am.	11. curtus Csy. 84–135
pusio Csy. 84–82	Mass. Can.	12. alacer Csy. 84–135
a. nanulus Csy. 84–83	B.C. [L.Sup.	13. vestalis Čsy. 84–138
70. pumilio Er. 39–558	Eur.&N.Am.	14. tahocnsis Čsy. 84–139
atomarius Csy. 84–84	Mass. Mich.	15. nimbosus Csy. 84–139
****		16. pugetensis Csy. 84–140
71. virginiæ Csy. 84–87	Va.	17. vacuus Csy. 84–141
72. texanus Csy. 84–88	Tex.	18. amicus Csy. 84–142
73. venustus Csy. 84–89	?	19. californicus Csy. 84–145
74. occidentalis Csy. 84–90	B.C.	20. fraternus (Csy.) 84–155
75. pacificus Csy. 84–91	So.Cal.	umbratilis (Csy.) 84–156
76. obstrusus Csy. 84–92	N.Y. N.J.	21. retrusus Csy. 84–154
77. arizonæ Csy. 84–93	Ariz. Tex.	
78. integer Csy. 84–94	Mass.	(Mutinus Csy. 84–146)
79. floridanus Csy. 84–95	Fla.	22. gilæ Csy. 84–146
80. colonus Er. 40–699	Ind L.Sup.	23. dispar Csy. 84–147
201 20101143 1311 10 000	Fla. Ariz. Cal.	— cariniceps Mäkl. 52–317
81. suspectus Blatch. 10-408	Ind. [Conn.	— immarginatus Mäkl.53–19
82. humilis Er. 39–554	Eur.&N.Am.	— parallelopipedus Mots. 52-
02. Humms 11. 00 001	Man.	• •
mammops Csy. 84–97	Ind.Mass	insularis Sahlb. 85–53
83. gravidus Csy. 84–98	Mass. [B.C.	— adspector Mäkl. 52–316
84. animatus Csy. 84–99	L.Sup.	— chalybæus Boh. 58–33
	Mich.	,
85. carinicollis Csy. 84–101		(Hypostenus Rey 83–183)
86. insignis Csy. 84–102 ******	So.Cal.	(<i>Areus</i> Csy. 84–150 ex par
	T 1 3/f	24. advena Csy. 84–158
87. stygicus Say 34–458	Ind. Mass.	25. europs Csy. 84–160
	L.Sup. Ala.	26. megalops Csy. 84–161
A * TI 00 *00	Conn. Nfld?	27. lugens Csy. 84–161
?cinerascens Er. 39–539	Eur. Japan.	28. plicipennis Csy. 84–162
88. egenus Er. 40–698	Ind. Mich.	29. agnatus Csy. 84–163
*****	Kan. Pa.	30. sayi Csy. 84–164
	G 1	31. amabilis Csy. 84–166
89. dolosus Csy. 84–108	Colo.	32. flavicornis Er. 40–733
90. villosus Csy. 84–109	Cal.	geniculatus Say 34-458
jejunus Csy. 84–112	B.C.	33. annularis Er. 40–735
91. sectilifer Csy. 84–110	D.C. Fla.	
millcporus Csy. 84-111	N.Y. Ga. Fla.	34. perforatus Csy. 84–169
92. vinnulus Csy. 84–112	MassMich.	35. nitescens Csy. 84–170
00 1 1 0 0 1 0 704	Man.	36. pollens Csy. 84–171
93. canaliculatus Gyll. 27–501	MassMich.	patens Csy. 84–172
congener Mäkl. 53–192	Eur. Alas.	37. tarsalis Ljungh 04–157
94. carolinæ Csy. 84–116	Ala. Fla.	
95. argus Grav. 06-231	Ind. Eur.&	reconditus Csy. 84–173
0 04 110	N.Am.	propinquus Csy. 84–174
ageus Csy. 84–116	Mass.	38. canadensis Csy. 84–175
rigidus Csy. 84–119	Mass.	
96. pudicus Csy. 84–117	L.Sup.	39. pinguis Csy. 84–177
97. minor Csy. 84–118	Mich.	18
98. incertus Csy. 84–120	Neb.	40. papagonis Csy. 84–180
99. parallelus Csy. 84–121	Mass.	41. punctatus Er. 40–744
3800. noctivagus Csy. 84–121	N.H.	obsoletus Csy. 84–181
01. luculentus Csy. 84–122	Cal.	dilutus Csy. 84–184
02. juvencus Csy. 84–123	Mich. Ind.	42. artus Csy. 84–182
03. pauperculus Csy. 84–124	?Mich.	43. meridionalis Csy. 84–185
brumalis Csy. 84–131	Mich.	44. callosus Er. 40–737
04. morio Grav. 06–230	Ind. Eur.&	
enodis Csy. 84–126	Colo. [N.Am.	45. capucinus Boh. 58–34
haplus Csy. 84–125	Mich.	varipcs Csy. 84–187
indistinctus Csy. 84–130	Mich.	46. arculus Er. 40–744
subgriscus Csy. 84–127	Cal. B.C.	
05. dives Csy. 84–127	No.Cal.	47. disscrtiens Csy. 84–190
06. terricola Csy. 84–128	Nev. So.Cal.	48. hubbardi Csy. 84–191
07. mundulus Csy. 84–129	Wash.	simiolus Csy. 84–194
08. tuberculatus Csy. 84–129	Fla.	49. lætulus Csy. 84–192
(Tesnus Rey 83-183)		50. leviceps Csy. 84–193
09. gratiosus Csy. 84–133	Mich.	politulus Csy. 84–193
hirsutus Csy. 84–137	Mich.	lucidus Csy. 84–196
minded Ong. Of 101	7,110111	- Tuoidab Obj. Of 100

Cal.
Colo.
Nev. So.Cal.
B.C. Wy.
B.C. [L.Sup.
B.C. Vanc. Ariz. So.Cal. Mass.-Tex. Alas. 2 Alas. 2-317 Alas. Sib. Japan. Alas. (Cal.?) rte) L.Sup. Md. Va. Fla. Mass. Vanc. B.C. B.C. So.Cal. Del. Mass. Mich. Ind. [Conn. Ind. Mass. Neb. So. St. Ariz. [Conn. Fla. Wash. Cal. Colo. Eur.&N.Am. Nfld. Mass. Mich. N.H. [Ia. Ind. Ont. No.Ill. So.Cal. B.C. Nev. Colo. Ariz. E. St. Ind. Ont. La. N.Y. Fla. Fla. Pa. D.C. La. Ind. N.&So.Am. Mich. Can.-Tex.Ind. Fla. Conn. L.Sup. L.Sup. L.Sup. So.Cal. Vanc. B.C. Vanc. B.C. So.Cal.

Stenus Latr.		Stenus Latr.	
3851. pertinax Csy. 84–195	Wy.	3855. trajectus Csy. 84–179	Colo.
52. exilis Csy. 84–143	Cal.	56. utcnis Csy. 84–178	, Colo.
(Hemistenus Mots. 60-55	7.)		
(<i>Areus</i> Csy. 84–150 ex pa	rtc)	Dianous Sam. 19–173	
(Mesostenus Rey 83–183)		3857. cœrulescens Gyll. 10–463	Eur.&N.Am.
53. croceatus Csy. 84–158	L.INeb.	chalybæus Lec. 63–49	L.Sup. Mass.
54. pterobrachys G. & H. 68-		58. nitidulus Lcc. 74–272	N.H. Colo.
·	Alas.		Ind. Nfld.
brevipennis Mäkl. 52-3	18	zephyrus Csy. 84–11	Vanc. B.C.
?montivagus Heer 38-578	B Eur.		

EUÆSTHETINÆ

STENÆSTHETINI

Stictocranius Lcc. 66–374 3859. puncticeps Lcc. 66–374 D.C.

J. .

EUÆSTHETINI

Edaphus Lec. 61–67		Euæsthetus Grav.	
3860. nitidus Lec. 63–50	Ala. La. Fla.	3866. floridæ Csy. 84–21	Fla. Ind.
61. carinatus Csy. 84–30	D.C.	67. similis Csy. 84–22	Fla.
62. luculentus Csy. 84–31	D.C.	68. mundulus Csy. 84–23	Mass.
·		69. robustulus Csy. 84–24	Mass.
Euæsthetus Grav. 06–201		70. iripennis Csy. 84–25	O.
(Eristhetus Mann. 30-41		71. texanus Csy. 84–26	Tex.
3863. brcvipennis Csy. 84–20	Mich.	72. americanus Er. 40–747	MichFla.
64. neomexicanus Fall 07–219	N.Mex.		Ind. L.I.
65. punctatus Csy. 84–21	Fla.	73. atomus Csy. 84–28	Fla.

PÆDERINÆ

PINOPHILINI

Pinophili		Procirri	
Pinophilus Grav. 02–201		Palaminus Er. 40–681	,
3874. latipes Grav. 06–202	Fla. Atl. St.	3887. pallipes Lcc. 63–49	Ga.
75. obesus Csy. 10–194	W.Tex. [Ind.	88. flavipennis Lec. 78–396	Fla.
76. parcus Lec. 63–48	Tex. Fla.	89. normalis Lec. 78–397	S.C. Ga. Fla.
77. texanus Csy. 10–195	Tex.	90. amplipennis Fall 07–221	N.Mex.
78. trajectus Csy. 10–195	Tex.	91. luteus Csy. 10–198	Pa. L.I. N.C.
a. pimalis Csy. 10–195	Ariz.		Va.
79. densus Lec. 63–48	Yuma, So.Cal.	92. testaceus Er. 40–683	Ill. D.C. Ind.
80. arizonicus Csy. 10–195	Ariz.		Ia. Miss.
81. aridus Csy. 10–196	Ariz.	93. fraternus Csy. 10–198	Tex.
82. diffidens Csy. 10-196	Tex.	94. hudsonicus Csy. 10–198	L.J.
83. opacus Lec. 63–49	Ga. Fla. Ind.	95. contortus Lec. 78–397	Fla.
84. parvipennis Csy. 10–196	Iowa.	96. lividus Lcc. 63–49	Yuma. So.Cal.
Lathropinus Sharp 86–628		97. cribratus Lec. 78–397	Fla.
3885. picipes (Er.) 40–671	Atl. St. Fla.	98. pumilus Lec. 78–398	Fla.
3865. picipes (E1.) 40-071	Au. St. Fla.	99. timidus Csy. 10–198	Tex.
Aracocerus Nordm. 36–157		3900. larvalis Lcc. 63–49	L.I. Va. N.Y.
(Arxocerus Nordm. 36-7))		Tenn.Fla. Ind.
3886. obsidianus (Csv.) 10–193	Tex.		

PÆDERINI

Casey 05

Cryptobia		Gastrolobium Csy.	
Gastrolobium Csy. 05–31		3907. lecontei (Horn) 85–94	Ia.
3901. virginicum Csy. 05–33	Va.	carolinum ‡ Lec. 78– nec I	Er.
02. floridanum (Lec.) 78–389	FlaN.J.	08. bicolor (Grav.) 02–179	Ind. N.Y.N.C.
a. convergens (Csy.) 84–129	N.J.		Ia.Fla.Conn.
03. carolinum Er. 40–563	Ind.N.C Md.	09. melanocephalum(Er.)40-56	
04. subatrum Csy. 10–185	Tenn.	10. badium (Grav.) 02–53	Fla. N.J. Ind.
05. atriceps Csy. 05–34	Ill.	11. strenuum Csy. 05–36	O. Ia. Mo.
06. pimerianum (Lec.) 63–45	Ariz. Tex. Ia.	illiniane Csy. 05–37	Ill. [Tex.
	Ind. Cal.	a. spissiceps Csy. 05–37	Tex.

Gastrolohium Cov		Pondoman Unb	
Gastrolobium Csy. 3912. texanum (Lec.) 78–392	Tex.	Pæderus Fab. (Leucopæderus Csy. 05-67)	
13. ventrale (Horn) 85–97	Ariz.	3955. ustus Lee. 58–62	Ariz. So.Cal.
14. parallelum (Csy.) 84–130 proximum (Csy.) 84–132	Pa. N.J. N.C. L.I.	Ababactus Sharp 85-533	
15. coloradense Csy. 05–38	Ariz. Colo.	3956. pallidiceps (Csy.) 86–209	Cal.
16. arizonensc (Horn) 85–96	Ariz. Cal.	57. lepidus (Lec.) 78–394	Tex.
a. peninsulare Csy. 05–39 17. suturale Csy. 05–39	L.Cal. Tex.	58. nactus (Horn) 85–102	Ariz.
18. vagum (Horn) 85–95	Tex. Ariz.	Cryptobiella Csy. 05-26	
19. despectum (Lec.) 63–45	FlaTex.	3959. ?pusilla (Lec.) 63–45	N.Y.
20. lugubre (Lec.) 78–393 21. obliquum (Lec.) 78–394	FlaLa. Fla.	Lathrobia	
parcum (Lec.) 78–394		Apteralium Csy. 05–77 3960. brevipenne (Lec.) 63–44	Ind.Ill.Ia.Mo.
22. anceps (Horn) 85–90 23. vitatum (Horn) 85–96	Ariz.	61. carolinæ Csy. 05–78	N.C.
25. vitatum (110111) 85–90	Ariz.	Abletobium Csy. 05-79	
Hesperobium Csy. 05-43		3962. pallescens Csy. 05–79	Mass.
3924. tumidum (Lec.) 78–393	So.Cal.	63. shermani Fall 17–164	N.C.
25. californicum (Lec.) 78–392 a. pacificum Csy. 05–44	So.CalB.C. Cal.	Lathrobium Grav. 02-51	
b. vancouveri Csy. 05-45	Vanc.	3964. amplipenne Csy. 05–81	N.Y.
26. pallipcs (Grav.) 02–179 gravenhorsti (Kby.) 37–87	R.I -Ia.Ind.	deceptivum Csy. 05–83 65. subæquale Csy. 05–82	N.Y. N.J.
a. capito (Csy.) 84–127	[Fla. N.YN.C.	66. armatum Say 34–453	Ill. Ind.
97 fl ' /T \ 70 900	Mo.	procerum Csy. 05–82	Ill.N.Y.Ont.
27. flavicorne (Lec.) 78–392 28. cinctum (Say) 34–454	N.YMass. N.YWis	67. prælongum Csy. 05–82 68. spissicorne Csy. 05–83	N.J. [Ind. Mass. Mich.
latebricola (Nordm.)36–150		69. nigrolucens Csy. 05–83	Mass.L.I.N.J.
29. clavicorne Csy. 05–47	Fla.	70. divisum Lec. 80–176 71. franciscanum Csy. 05–85	B.C. Cal.
30. atronitens Csy. 05–48 31. parviceps Csy. 05–48	Tex. Va.	72. picescens Csy. 05–85	N.H.
32. sellatum (Lec.) 63–45	Ill. Ind.	73. longiventre Csy. 05–85	Wis. Mont.
33. cribratum (Lec.) 63–46	Ind.Ill.Mass. N.J.	74. vancouveri Csy. 05–86 75. illini Csy. 05–86	B.C. [Id. Ill.
34. rubripenne Csy. 05–49	So.Dak.	76. obtusum Csy. 05–86	Mass. Can.
35. properum (Horn) 85–101	Ariz.	77. sparsellum Csy. 05–87	Man. [Man.
Timelians C. Of TO		78. washingtoni Csy. 05–87 79. rigidum Csy. 05–88	N.H. R.I.
Lissobiops Csy. 05–50 3936. scrpentinus (Lec.) 63–46	N.C. Ala.	80. postremum Csy. 05–88	R.I.
cooci Bezponemias (2000.) 55 To	1110111111	81. simile Lec. 63–43	Ind.Mass N.J. Conn.
Biocrypta Csy. 05-50		82. insanum Blatch. 10-424	Ind.
3937. prospicions (Lec.) 78–393 38. magnolia Blatch. 17–238	Tex. Ariz. Fla.	83. neglectum Csy. 05–89	R.I.
oo. magnona Diaten. 17 250	ria.	84. innocens Csy. 05–89 85. simplex Lcc. 80–176	Mich. L.Sup. Wis.
P lpha der i		fauveli Duviv. 83–75	[Man.
Pæderus Fab. 75–268	A _i	86. gravidulum Csy. 05–90	Mass. N.C.
3939. grandis Aust. 76–8 40. femoralis Lec. 58–62	Ariz. L.Cal. Ariz.	87. seriatum Lec. 63–44 88. parcum Lec. 80–176	Fla.
	So.Cal.	89. pedale Lcc. 63–43	La. Miss.
41. riparius (L.) 58–422 42. littoreus Aust. 76–8	Eur.&(Tex.?) Fla. Ga.	90. bicoloratum Bnhr. 12–256 bicolor Lec. 80–175	Mich.
43. ?mexicanus Er. 40–657	Mex. U.S.?	91. puncticolle Kby. 37–86	Can.
(Pendevillag Cox, 05, 69)		Litolathra Csy. 05-93	
(<i>Pœderillus</i> Csy. 05–62) 44. floridanus Aust. 76–8	Fla.	3992. rhodeana Csy. 05–94	Mass. R.I.
45. carolinæ Csy. 05–63	N.C.		N.Y. Man.
46. saginatus Csy. 05–63 texanus Csy. 05–65	Tex.	93. semirubida Csy. 05–94 94. concolor (Lec.) 63–44	R.I. Can.Ind.Nfld.
47. compotens Lec. 63–48	So.Cal.	95. cruralis Csy. 05–94	N.J.O.Ia.
48. nevadensis Aust. 76–8	N.Mex. Ut.	96. convictor Csy. 05–95	Ia.
49. palustris Aust. 76-8	Wy. Ia. Ind.	97. amputans Csy. 05–95 98. inornata Csy. 05–96	Ia. D.C.
50. obliteratus Lec. 78–395	C.I. Ind. Fla.	99. subgracilis Čsy. 05–96	N.Y.
51. iowensis Csy. 05–66 52. littorarius Grav. 06–142	Ia. N.Y.N.C Ia.	4000. confusa (Lec.) 80–176 01. suspecta Csy. 05–97	Mass. N.Y. D.C.
52. Ittorarius Grav. 00-142	Ind. Conn.		11.1. 5.0.
53. pugetensis Csy. 05–66	Wash.	Lathrobiopsis Csy. 05–97	Tox
54. canonicus Csy. 05–67	R.I. L.I.	4002. texana Csy. 05–98	Tex.

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Lathrobioma Csy. 05–98	3. 7	Lathrotaxis Csy.	Т
4003. virginica Csy. 05–99	Va.	4046. soror Csy. 05–124	Tex.
04. shoshonica Csy. 05–99	Or.	47. fallaciosa Csy. 05–124	Tex.
05. nanula Csy. 05–100 06. dakotana Csy. 05–100	Mass. Dak.	48. praeceps Csy. 05–125 49. angusta Csy. 05–125	Ariz. N.Mex.
07. hespera Csy. 05–100	B.C.	50. acomana Csy. 05–126	Tex. N.Mex.
08. othioides (Lec.) 80–175	Mass. Ia.	51. rubricollis Csy. 05–126	Mont. Ut.
09. tenuis (Lcc.) 63–44	N.Y. R.I.		Ariz.
10. nigrolinea Csy. 05–102	Man.	52. expressa Csy. 10–185	Ariz.
11. oregona Csy. 05-102	Or.	53. canora Csy. 10–185	Ariz.
12. scolopacea Csy. 05–103	Mass.	54. polita (Grav.) 02–180	M.St. Fla.
13. inops (Csy.) 84–135	L.Sup.?	55. floridæ Csy. 05–127	Fla.
		56. californica (Lec.) 63–44	So.Cal.
Lathrolepta Csy. 05-103	3.5	57. atronitens Csy. 05–128	So.Cal.
4014. debilis (Lec.) 80–176	MassIa.	58. galvestonica Csy. 05–128	Tex.
Watertoness Card SS 240		— castanea (Grav.) 02–52	N.Am.
Tetartopeus Czwl. 88–349	Mont.	T 1111 C 07 100	
4015. captiosus Csy. 05–106 16. punctulatus (Lec.) 63–42	Ind. Mass	Pseudolathra Csy. 05–129	T 1T T
10. panetulatus (Lec.) 05–42	Dak. Fla.	4059. analis (Lec.) 80–177	Ind.Ia.La.
?terminatus (Grav.) 02-55		americana (Duviv.) 83–161 60. leviceps Csy. 05–130	[Tex. Miss. Ind.
?fulvipenne Grav. 06–104	†Greenland.	00. leviceps Csy. 05-150	MISS. IIIQ.
17. hebes Csy. 05–106	Idaho.	Paralathra Csy. 05-130	
18. rubripennis Csy. 05–107	MassIa.	4061. filicornis Csy. 05–131	Colo.
19. callidus Csy. 05–107	?Ind.	1001. Incomis Osy. 00 101	Colo.
20. semiruber Čsy. 05–107	Ind. Iowa.	Linolathra Csy. 05-131	
21. floridanus Csy. 05.–108	Fla.	4062. gaudens Csy. 05–132	Tex.
22. angularis (Lec.) 63–43	Mass. R.I.Fla.	63. dimidiata (Say) 34–455	Tex. Ind. Fla.
23. furvulus Csy. 05–109	Mass.	horni (Duviv.) 83–162	real marria.
24. tetricus Csy. 05–110	Tex.	64. filitarsis Csy. 05–133	VaTex.
a. nigrescens Csy. 05–109	Pa. N.Y.	dimidiata (Lec.) 80–177 (ne	
b. agitans Csy. 05–110	Vanc. B.C.	·	Ariz.
25. finitimus (Lec.) 80–175 26. stibium Csy. 05–111	Mont.	65. lituaria (Lec.) 80–177	Tex. Ariz.
27. niger (Lec.) 63–43	MassWis.		So.Cal.
2 mger (2001) 00 10	Man.	Lathrobiella Csy. 05-133	
?quadratum Payk. 89-29	Eur. Sib.	4066. atriventris Csy. 10–186	R.I.
28. lacustris Csy. 05–112	Ont.	67. nigricans Csy. 05–134	Tex.
		68. ventralis (Lec.) 80–177	N.J. Kan.?
Deratopeus Csy. 05-112		?tricolor (Csy.) 84-133	N.J. [Fla.
4029. nitidulus (Lec.) 80–175	Mass. Fla.	69. barda Csy. 05–135 70. gracilicornis Csy. 05–136	Pa.
90	Mich.		Ia. Neb.
30. parvipennis Csy. 05–113	Mass.	71. oregonensis Csy. 05–136 72. fallax Csy. 05–136	Or. Tenn.
Fulathrobium Cay 05-114		73. robustula Csy. 10–186	Ind.
Eulathrobium Csy. 05–114 4031. grande (Lec.) 63–42	Ind.R.I	74. collaris (Er.) 40–599	Ind. MassIa.
4931. grande (Dec.) 05 42	Mich.	75. vagans Csy. 05–137	No.Dak. [Fla.
Lathrotropis Csy. 05-115	17110111	76. habilis Csy. 05–137	Nev.
4032. cascyi Blaisd. 06–71	Cal.	77. merens Csy. 05–138	Va.
33. puncticeps (Lec.) 80–175	So.Cal.	78. æmula Csy. 05–138	N.C.
lecontei (Duviv.) 83–76		79. cupida Csy. 10–186	Mass.
34. jacobina (Lec.) 63–43	So.Cal. Nev.	80. modesta Csy 05–139	Miss.
a. relicta Csy. 05–116	G 1	81. fragilis Csy. 05–139	N.Y.
35. gnoma Csy. 05–117	Cal.	82. rubida Csy. 05–140	Pa. Ind. Miss. Ia.
36. validiceps Csy. 05–117	Cal. Vana	83. famelica Csy. 05–140 84. ambigua (Lec.) 80–177	Ia.L.Sup.Ind.
37. subseriata (Lec.) 80–175 38. vafra Csy. 05–118	Cal. Vanc.	85. integra Csy. 05–141	?Ind.
39. ustulata Csy. 05–118	B.C.	86. angustula Csy. 05–141	N.C.
55. ustulata Osy. 05 118	D.O. _j	87. depressula Csy. 10–187	N.Y.
Lobrathium Rey 77–29			
4040. tacomæ Csy. 05–120	Wash.	Microlathra Csy. 05-142	
41. montanicum Csy. 05–121	Mont.	4088. pallidula (Lec.) 80–177	Fla. Mass.
42. coloradense Csy. 05–121	Colo.	00 13 0	S.I. Ind.
43. bipartitum Csy. 05–122	Wash.	89. rutilans Csy. 05–144	Pa.
Tathrataria C 0° 100		90. lineiformis Csy. 10–187	lowa.
Lathrotaxis Csy. 05–122	Ariz.	Dognochilas I as 69 40	
4044. centurio Csy. 05–123 45. longiuscula (Grav.) 02–181	AIIZ.	Dacnochilus Lec. 63-49	
	Ind N V -In -		Lo Toy
45. jongruseula (Grav.) 02 181	Ind.N.YIa [Tex. Conn.	4091. lætus Lcc. 63–47 angularis Er. ‡ 40–614	La. Tex. Fla.

Acalophæna Sharp 86-554 4092. compacta Csy. 05-146 ?angularis (Er.) 40-614	Ariz. So.Am.Mex.	Paramedon Csy. 4125. humboldti Csy. 05–168 26. kernianum Csy. 05–169	Cal. Cal.
Lithochares Aderocharis Sharp 86-552 4093. corticinus (Grav.) 02-184 millepunctatus (Say)34-45 rufescens (Nordm.) 36-148	6 Ind. Fla.	27. consanguincum (Csy.) 86–2 28. contiguum (Csy.) 86–22 29. subsimile Csy. 05–169 30. difforme Csy. 05–170 31. retrusum (Csy.) 86–25	Cal. Cal. Cal. Cal. Cal.
Lithocharis Lac. 35-431 (Metaxyodonta Csy. 86-4) 4094. ochracea (Grav.) 02-59 alutacea Csy. 86-29 quadricollis Csy. 86-30 95. californica Bnhr. 12-241 simplex Csy. 05-149 96. sonorica Csy. 05-150 opacicollis Horn mss. Bull. speciosa Fvl. mss. Bull. Ia		32. sublestum (Csy.) 86–21 33. languidum (Csy.) 86–28 34. apachcanum Csy. 05–171 35. luctuosum (Csy.) 86–24 36. gulare Csy. 05–172 a. distans Csy. 05–172 37. pallescens Csy. 05–172 38. conforme Csy. 05–173 39. gregale (Csy.) 86–26 mimulum (Csy.) 86–27 40. falli Blatch. 10–432 41. debile Csy. 05–174	Cal. Cal. Ariz. Cal. Cal. Cal. Cal. Cal. Cal. Ind. Cal.
Medones Neomedon Sharp 86-557 4097. arizonense Csy. 05-156 98. piciventris Fall 07-220 Polymedon Csy. 05-156 4099. tabacinum Csy. 05-156	Ariz. N.Mex. Ariz.	42. tahoense Csy. 05–174 43. montanum Csy. 05–175 44. boreale Csy. 05–175 45. pallidipenne Csy. 10–189 46. arizonicum Csy. 05–175 47. oriens Csy. 10–189 48. pinalicum Csy. 05–176	Cal. Cal. Idaho. Cal. Ariz. N.Mex. Ariz.
Sciocharis Arrib. 84-260 (? Thinocharis Kr. 59-142) 4100. nubipennis Csy. 05-157 01. carolinensis Csy. 05-157	Tex. N.C.D.C.Ind.	Medonodonta Csy. 05–176 4149. alutacea Csy. 05–177 Oxymedon Csy. 05–177 4150. rubrum Csy. 05–177	N.Mex.
02. congruens Csy. 05–158) (Sciocharella Csy. 05–158) 03. delicatula Csy. 05–159	Miss. Ala. Ind.	Tetramedon Csy. 05–178 4151. rufipenne Csy. 05–178 Platymedon Csy. 89–184	N.Y.
(Medonella Csy. 05–180) 04. minuta Csy. 05–180 Trachysectus Csy. 86–32 4105. confluentus (Say) 34–456	Fla. R.IMinn.	4152. laticolle Csy. 89–184 53. nevadicum Csy. 05–179 Xenomedon Fall 12–11	Ind. Ill. Neb. Nev. [Man.
confluens (Er.) 40-615 Hemimedon Csy. 05-160 4106. rufipes Csy. 05-160 07. angustum Csy. 05-161 Medon Steph. 32-273	Ind. Conn. N.C. Va. Va.	4154. formicaria Fall 12–12 Oligopterus Csy. 86–12 4155. remotus Csy. 05–181 56. cuneicollis Csy. 86–12 57. filum Csy. 05–182 58. flexilis Csy. 05–182	Cal. Cal. Cal. Mont.
4108. sinuatocolle Csy. 86–14 09. helcnæ Csy. 05–162 10. lepidum (Csy.) 86–16 11. lacustre Csy. 05–163 12. convergens (Csy.) 86–15 13. insulare Csy. 05–163 14. puberulum (Csy.) 86–17 15. americanum Csy. 05–164 16. inquilinum Csy. 05–164 17. nitidulum Csy. 05–165 18. explicans Csy. 10–188	No.Cal. Idaho. Cal. Cal. Cal. Vanc. Cal. Pa. Colo. N.Mex. Colo.	Caloderma Csy. 86-5 4159. rugosa Csy. 86-5 a. semibrunnea Csy. 05-183 b. angulata Csy. 86-7 c. continens Csy. 86-6 60. pollens Csy. 05-184 61. mobilis Csy. 86-8 62. reducta Csy. 86-11 63. luculenta Csy. 86-10 64. peregrina Csy. 05-185	So.Cal. Cal. Cal. Cal. Cal. Cal. Cal. Cal.
19. opaculum Csy. 05–165 20. texanum Csy. 05–165 Paramedon Csy. 05–166 4121. vancouveri Csy. 05–167 22. shastanicum Csy. 05–167	Cal. Tex. Vanc. Cal.	65. conjux Csy. 05–185 66. contracta Csy. 05–185 67. discolor Csy. 05–185 68. tantilla Csy. 86–12 69. mollis Csy. 05–186 70. exilis Csy. 05–186	Nev. Cal. CalWash. Cal. So.Cal. So.Cal.

Hypomedon Rey 77–122 4173. debilicornis Woll. 57–194 debilis Woll. ‡	Cosmop. S.C.Tex.	Scopæus Er. 4217. macilentus Csy. 05–208 18. degener Csy. 05–208 19. angustissimus Csy. 05–208	N.C. N.Y. N.C.
Pseudomedon Rey 77-122		20. californicus Fall 02–224	So.Cal.
(Ramona Csy. 86–213) 4174. thoracicum Csy. 05–188	Mass. Ind.	21. delicatus Csy. 05–209 22. brachypterus Csy. 05–209	N.Y.Va.Miss. Iowa.
?obsoletum (Nordm.) 36–4	16	23. saginellus Csy. 05–209 24. quadripennis Csy. 05–210	Ala. Tex.
	Eur. Mass. Can. Man.	24. quadripenins Csy. 03–210	1ex.
a. ruficolle Csy. 05–188	R.IN.C.Ind. R.I.	Scopæoma Csy. 05–211 4225. brunnipes (Lec.) 80–179	Vanc.
b. clarescens Csy. 05–188 75. alabamæ Csy. 05–189	Ala.	26. puritana Csy. 05–212	Mass.
76. capitulum Čsy. 86–213	Nev.Cal.Or.	27. rotundiceps (Csy.) 86–217 28. procera Csy. 05–213	Cal. Colo.
Lena Csy. 86–211		29. angusticeps Csy. 05–213	Nev.
4177. testacea Csy. 05–190	Tex. Fla.	30. truncaticeps (Csy.) 86–219	So.Cal.
Scop xi		Scopæopsis Csy. 05-214	Dava
Leucorus Csy. 05–192 4178. ferrugineus Csy. 05–193	Ariz.	4231. opaca (Lec.) 63–46	D.C.N.C. Miss. Fla.
79. luridus Csy. 05–193	So.Cal.	32. elaborata Csy. 05-215	Tex.
80. ochrinus Csy. 05–193 81. rubens Csy. 05–194	Colo. Iowa.	33. pallens Csy. 05–215 34. ventralis Csy. 05–216	Tex. L.I.N.C.
	10 1141	35. duryi Csy. 05–216	Ohio.
Pycnorus Csy. 05–194 4182. dentiger (Lec.) 80–179	Mass. Ind.	Scopæodera Csy. 86-217	
83. armiger (Fall) 02–225	So.Cal. [Man.	4236. nitida (Lec.) 63–47	La. Tex.
84. i owanus Csy. 05–196	lowa.	37. sonorica Csy. 05–218	So.Cal.
Orus Csy. 84-604	C 1	Stilici	
4185. longicollis Csy. 05–197 86. parallelus Csy. 86–227	Cal. Cal.	Stilicus Latr. 25–495	
87. boreellus Csy. 05–197	Idaho.	(Rugilus Leach) 4238. opaculus Lec. 80–178	D.C.
88. montanus Fall 02–223 89. sonomæ Csy. 05–198	So.Cal. Cal.	39. oregonus Csy. 05–221	Or.
90. pugetanus Csy 05–198	Wash.	40. latiusculus Csy. 84–139 41. rudis Lec. 63–46	L.IVa. N.Y.Pa.D.C.
91. robustulus Csy. 05–199 92. pallidus Csy. 05–199	Cal. Cal.	42. apicalis Csy. 05–222	R.I.
93. pinalinus Csy. 05–199	Ariz.	43. angularis Er. 40–634	Ind. R.I. L.Sup.Tex.
94. deceptor Csy. 05–200 95. punctatus Csy. 84–138	Cal. NevWash.	44. occiduus Fall 02–225	So.Cal. [Fla.
96. filius Csy. 05–200	Cal. [So.Cal.	45. oblitus Fall 07–221 46. lacustrinus Csy. 05–224	N.Mex. L.Sup. Ia.
97. distinctus Csy. 05–201 98. fraternus Fall 02–223	Cal. So.Cal.	47. biarmatus Lec. 80–178	Man. Mass.
99. shastanus Csy. 05–201	Cal.	a. abbreviellus Csy. 05–224 48. dentatus Say 34–457	N.Y. [Ind. N.YTex.
4200. provensis Csy. 10–190 01. femoratus Fall 02–223	Ut. Cal.		Ind. Fla.
		a. luculentus Csy. 05–225 b. nigrolucens Csy. 05–225	R.I. Miss.
Pseudorus Csy. 10–190 4202. cervicula (Csy.) 05–202	Cal.	c. minusculus Csy. 05–226	R.I.
03. spectralis Csy. 10–190	Ut.	Pachystilicus Csy. 05-226	
04. prolixipennis Csy. 10–191	Cal.	4249. quadriceps (Lec.) 80–178	Cal.
Scopæus Er. 40-604		50. hanhami (Wickh.) 98–220	Man.
(Leptorus Csy. 86–217) 4205. texanus Csy. 86–221	Tex.N.Mex.	Megastilicus Csy. 89–183 4251. formicarius Csy. 89–183	MassInd.
06. gilensis Csy. 05–205	Ariz. [So.Cal.		wassmu.
07. crassulus Csy. 05–205 08. carolinæ Csy. 05–205	Ala. N.C.	Stilicolina Csy. 05–228 4252. tristis (Melsh.) 46–40	D.C. Pa.
09. longiceps Csy. 86–224	Tex.	Omostilicus Csy. 05–229	
10. longipennis Fall 02–225 11. picipes Csy. 84–137	So.Cal. N.J. Fla. Tex.	4253. sonorinus Csy. 05–230	Ariz.
12. arizonæ Csy. 05–206	Ariz. Tex.	Acrostilicus Hubb. 96–299	
13. notangulus Csy. 05–207 14. versicolor Csy. 86–224	Ia. L.Sup. Tex.	4254. hospes Hubb. 96–299	Fla.
bicolor Csy. 86–222	Tex.	Stilicopses	
15. hudsonicus Csy. 05–207 16. exiguus Er. 40–608	N.Y. Pa.R.I.N.Y.	Stilicopsis Sachse 52–144. 4255. paradoxa Sachse 52–145	Ind.N.C.Fla.
	Ind. Fla.	56. subtropica Csy. 10–191	Fla.

Stamnoderus Sharp 86–607 4257. monstrosus (Lec.) 63–48 58. carolinæ Csy. 05–233 59. pallidus Csy. 05–233 Sunii Astenus Steph. 32–275 (Sunius Er. 39–523) 4260. prolixus (Er.) 40–639 61. strigilis (Csy.) 05–237 62. americanus (Csy.) 05–237 63. linearis (Er.) 40–639 64. spectrum (Csy.) 05–238 65. binotatus (Say) 23–154 66. cinctus (Say) 34–457 67. simulans (Csy.) 05–239 68. inconstans (Csy.) 05–239 69. ornatellus (Csy.) 05–240 70. brevipennis (Aust.) 76–6 71. fusciceps (Csy.) 05–240 72. discopunctatus(Say)34–457 centralis (Aust.) 76–7	La.Va.Fla. N.C. Fla. Va. Pa. Fla. Tex. [Man. N.YVa. N.Y. Ind. Fla. R.I. Ia. Ind. Fla. N.YIa. Iowa. Tex. Miss Iowa, Man. Va. 7 R.ITex.Ind.	Astenus Steph. 4273. zuni (Csy.) 05–241 74. arizonianus (Csy.) 05–241 75. tenuiventris (Csy.) 05–242 76. similis (Aust.) 76–7 77. sectator (Csy.) 05–242 78. longiusculus (Mann.) 30–33 ? trisignatus (Boh.) 58–32 79. robustulus (Csy.) 05–243 80. californicus (Aust.) 76–6 — variegatus Solsky 67–114 Echiasteres Echiaster Er. 40–636 4281. ludovicianus Csy. 05–247 Leptogenius Csy. 86–214 4282. brevicornis Csy. 86–214 virginicus Fall 01–304 sallei Fvl. ‡ Sz. 78–441	N.Mex. Ariz. So.Cal. Ariz. Tex. Ariz. Mont. NevB.C. [So.Cal. Nev.Cal. So.Cal. N. Am. Miss.La. N.C. Tex. Ind. Va. Fla.
	STAPHY	LININÆ	•
	XANTHO	OLININI .	
	Xanti	holini	
	Casey	7 06	
Saurohypnus Sharp 85–501 4283. scutellaris Sharp 85–502 Gauropterus Thoms. 60–187 (Eulissus Csy. 06–366 nec 4284. fulgidus (Fab.) 87–220	Tex. Mcx.	Gyrohypnus Mann. 4302. emmesus (Grav.) 02–176 sanguineolentus (Melsh.) 4 03. luteiventris Csy. 06–389 04. fusciceps (Lec.) 80–173 (ne 05. indianensis(Blatch.)10–396 06. fucosus Csy. 84–126	La. c Fauv.) N.YIa. Ind.
Nadahina Thamas 60 100		07. melanops Čsy. 06–390	L.IColo.
Nudobius Thoms. 60–188 4285. cephalus (Say) 34—52	MassInd. Fla.Nfld. So. Cal. Ariz.B.C. Man.Conn.	* 08. hamatus (Say) 34–453 obscurus (Er.) 40–330	R.IMan. Ariz. So. Cal. N. Mex. Ind.
assimilis (Kby.) 37–88 consentaneus (Nordm.) 37–13 flavipennis (Nordm.) 37–13 kiesenwetteri (Sachse) 52–1 palliatus (Melsh.) 46–34 86. nubipennis Csy. 06–381 87. phoenicis Csy. 06–382 88. arizonicus Csy. 06–382 89. pugetanus Csy. 06–382 90. limbalis Csy. 06–383 91. corticalis Csy. 06–383 92. debilis Csy. 06–383 93. luridipennis Csy. 06–383 94. elegantulus Csy. 06–384	21	09. orcgonus Csy. 06–392 10. protractus Csy. 06–392 11. mollinus Csy. 06–392 12. sanguinipennis(Lec.)80–17 lecontei (Duviv.) 83–70 13. gilvipennis Csy. 06–393 14. pusillus (Sachse) 52–124 15. macilentus Csy. 06–394 16. fragilis Csy. 06–394 ** (Hypnogyra Csy. 06–394)	Or. Wis. Cal. 4 N.J. Pa. N.Y. Ind. VaMcx. Fla. Ariz. So. Cal. Conn. NevMan. MontAriz.
Xantholinus Serv. 25–475 4295. picipennis Lec. 80–172 — punctulatus (Payk.) 89–30	So.CalB.C. Eur.&N.Am.?	17. vernicatus Csy. 06–395 18. micans Csy. 06–395 19. gularis (Lec.) 80–173 ***	O. Mich. Ind.
Gyrohypnus Mann. 30-7 4296. obsidianus (Melsh.) 46-34 97. linearis (Blatch.) 10-395 98. temporalis (Lcc.) 80-172 floridæ (Duviv.) 83-70 99. dimidiatus (Lcc.) 80-173 4300. infumatus Csy. 06-388 01. bipartitus Csy. 06-388	N.YOr. Ind. [Conn. Fla. So. Cal. Ariz. So. Cal. Ariz.	20. nanus (Lec.) 80–174 Xestolinus Csy. 06–397 4321. abdominalis Csy 06–398 22. oviceps Csy. 06–398 Lissohypnus Csy. 06–398 4323. texanus Csy. 06–399	So. Cal. Ariz. Ut. Tex.

Leptacinus Er. 39-429 4324. cephalicus Lec. 80-170 a. rubricollis Csy. 06-400 ?rubricollis Reitt. 99-157	S.C. N.Y. Ky. Mo.	Hesperolinus Csy. 4343. angustus Csy. 06–415 44. piceus Csy. 06–415	So. Cal. No. Cal.
?parumpunctatus (Gyll.) 27	7–481 Mo. Tex. Cosmop.	Leiolinus Csy. 06–416 4345. uteanus Csy. 06–417 46. tarsalis Csy. 06–417	Ut. Nev.
Leptacinodes Csy. 06–401 4325. flavipes (Lec.) 63–41 seriatus (Lec.) 80–169	Fla. L.I. N.J. [Ia. Ind.	Leptolinus Kr. 58–647 4347. rubripennis Lcc. 80–171	O.Ind.Ia.Tex.
?batychrus (Gyll.) 27–480 26. nigritulus (Lec.) 80–169 27. lustrans Csy. 06–403	Eur.& N. Am? IndCal. Colo.	Microlinus Csy. 06–419 4348. pusio (Lcc.) 80–171	S.C. Fla.
28. pallidulus (Lec.) 80–169 Stictolinus Csy. 06–404	So. Cal.	Oligolinus Csy. 06–420 (Metoponcus Kr. ‡) 4349. floridanus (Lec.) 80–170	Fla.
4329. grandiceps (Lec.) 63–42 30. æqualis Csy. 06–405 31. scolopaceus Csy. 06–406 32. franciscanus Csy. 06–406	Cal. Cal. MassWis. Cal.	Othii Parothius Csy. 06–423 (Othius ‡ Steph. 32–253)	
Hobrolinus Con 06 406		4350. californicus(Mann.) 43–228	3 Cal.
Habrolinus Csy. 06–406 4333. tahoensis Csy. 06–407	Cal.	Baptolinus Kr. 58–659 4351. macrocephalus (Nordm.) 3	7–124 N.H. B. C.
Nematolinus Csy. 06–407 4334. longicollis (Lec.) 63–41	R.IMo.	52. americanus Csy. 06–426	Alas. Nfld. L. Sup.
Lithocharodes Sharp 76-204		pilicornis Payk, ‡ 90–335 53. quadripennis Csy. 06–427	Eur. Idaho.
4335. pallidus Csy. 06–410 36. nigripennis (Lec.) 63–42	Tex. La. Fla.	54. punctiventris Fall 02–221 55. fraternus Csy. 06–428	Cal.Vanc. Ut. No. Cal.
37. ruficollis (Lec.) 63–42	IndTex.	— longiceps Fauv. 72–374	Eur.&N. Am.? Can. N.Y.
Hesperolinus Csy. 06-411	Cal.	$D:\mathcal{A}$	W.Va.N.C.
4338. parcus (Lec.) 63–41 brunnescens (Lec.) 80–169	So. Cal.	Diochus Er. 40–300	
39. bicolor Csy. 06–413 40. alticola Csy. 06–414	So. Cal. Nev.	4356. schaumi Kr. 60–27 57. brevipennis Csy. 06–431	R.ITex. Ind. VaMo. [Fla.
41. borealis Csy. 06–414 42. pomonæ Csy. 06–414	Vanc. So. Cal.	58. thoracicus Csy. 06–432 59. pallidiceps Csy. 06–432	L.I. Tex.
	Staphy		
	Staph		
	Horn	78, 84	
Neobisnius Gangl. 95–464 (Bisnius ‡ auct. nec Thoms	s.)	Actobius Fauv. 4374. inutilis Horn 84–225	N.Eng. Mich.
(Actobius Fauv. ex parte) 4360. procerulus (Grav.) 06–95	Eur.& N.Am.	75. fraterculus Horn 84–226 76. senilis Horn 84–226	Ill. Ind. Mich. Colo. Cal.
semipunctatus (Fairm.) 72	-431 [Cal.Nev.	77. infimus Horn 84–227	Cal.
61. sobrinus (Er.) 40–512 62. agnatus (Er.) 40–513	Pa. Ind. La. [So.Cal.	78. ocreatus Horn 84–228 79. patella Horn 84–229	So.Cal. Mich. N.Y.
63 gratus (Lcc.) 63–38 64. pæderoides (Lec.) 63–38	So. Cal. Ariz. Ind. Conn.	80. loxatus Horn 84–229 81. puncticeps Horn 84–230	D.C. Ind. Fla. So.Cal.
65. formosus (Fall) 02–221	Ariz. So.Cal. So.Cal. [Man.	82. pusio Horn 84–230 83. parcus Horn 84–230	Colo. Fla. D.C. Ind.
66. jocosus (Horn) 84–232	Del. N.C. Ind. S.C.	00. parcus 110111 01 200	Mich.
67. jucundus (Horn) 84–232 68. clegantulus (Horn) 84–232 69. terminalis (Lec.) 63–38	So. Cal. Ariz. CanTex.	Philonthus Curtis 25–610 4384. politus (L.) 58–683	Eur. & N.Am.
70. umbripennis (Lec.) 63–38 71. lepidulus (Lec.) 63–37	PaFla. Ga.	æncus (Rossi) 90–249	Nfld. Pa. O. Ind.
Actobius Fauv. 74–72 4372. cincrascens (Grav.) 02–49	Eur. N.Am.	mandibularis Kby. 37–92	Mich. N.Y. Mass. Can.N.S.
73. nanus Horn 84–225	Ind. Fla. Pa. Mich. N.Eng. Can.	harrisi Melsh. 44–35 85. chalceus Steph. 32–227	H.B.T. Colo. Alas. L.I. Va.
70. Hands Holli 04-220	Ind.	oo. chatecus ottpii. 92-221	17.1. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

	nthus Curtis		Philonthus Curtis	
4386.	furvus Nordm. 37–88	Nfld. Vanc. N. Am. Mex.	4424. discoideus (Grav.) 02–38	Cosmop. So.
a.	californicus Mann. 43-230	Cal.	ruficornis Melsh. 46–38 25. thermarum Aubé 50–316	AtlAriz.[Cal. Cosmop. Mo.
07	comptus Hald. 52–375	C D T	26. gopheri Hubb. 94–308	Fla. D.C.
	sericinus Horn 84–182 nitescens Horn 84–182	Can. Pa.Tex. So.CalVanc.	** 27 alumnua En 40 400	N.YFla
	alutaceus Horn 84–183	So.Cal.	27. alumnus Er. 40–490	Ariz. So.Cal.&
	perversus Horn 84–183	Vanc.	a. rufulus Horn 84–198	[Porto Rico.
	bucephalus Horn 84–184 umbratilis (Grav.) 02–170	Cal. Vanc. Eur.& N. Am.	b. atriceps Horn 84–198 28. innocuus Horn 84–190	Ariz.
02.	subfuscus (Gyll.) 10–326	Mass. N.J.	29. thoracicus (Grav.) 02-170	Gulf St. Ind.
0.9	1 4.1 (0) 24 440	Ind. Mo.		Mich. Kan.
	laetulus (Say) 34–449 gentilis Horn 84–185	CanGa. Ind. Ariz.	30. fusiformis Melsh. 46–38	Can.Colo.Ind. Mich. Kan.
95.	asper Horn 84–185	Pa. D.C. Nfld.	31. fulvipes (Fab.) 92–256	Eur.& N. Am.
96.	fuscipennis Mann. 30–28	N.C. Eur.Sib.	horni(Fvl.mss.)Horn 84-200	
97.	politus (Fab.) 75–266 irinus Horn 84–186	Eur.& N.Am. Tex. [N.C.?	32. occidentalis Horn 84–200	Mass. OklaUt.
	atratus (Grav.) 02–21	Eur.& N.Am.?	33. schwarzi Horn 84–201	Ind. Mass.
00	aminuhan Hann 04 107	H.B.T.		Mich.
	semiruber Horn 84–187 duplicatus Bnhr. 14–336	So.Cal. Ariz. Colo. Wy. Br.	34. hudsonicus Horn 84–201 35. pettiti Horn 84–201	H.B.T. Can. So.Cal.Wash.
	basalis Horn 84–187	[Am.	36. triangulum Horn 84–202	So Cal. Wash.
	lautus Csy. 15–433	Wy.	37. ferreipennis Horn 84–202	So.Cal. Wash.
	cautus Er. 40–446 hepaticus Er 40–451	N.CFla. Fla. No.& So.	38. caurinus Horn 84–203 39. crotchi Horn 84–203	No.Cal. Vanc.
00.	nepaticus Di 10 101	Am. Ind.	40. arizonensis Horn 84–203	Vanc. Ariz. Ariz.
	cinctulus Melsh. 46–167	U.S.& Can.	41. micans (Grav.) 02–25	Ind. Eur.& N.
	?nanus Melsh. 46–36 palleolus Melsh. 46–37	[Ariz. So.Cal.		Am. Mich.
	?varicolor Boh. 58–29			Mass. Nfld. Mont.
	wacoensis Csy. 15-430	Tex.	43. lomatus Er. 40–482	Ind. U.S.Can.
	laxellus Csy. 15–431	N. Mex.	a. georgianus Sachse 52–143	[Fla. Ariz.
	pumilio Csy. 15–431 longiventris Csy. 15–432	Man. Mont.	44. cunctans Horn 84-205 45. æqualis Horn 84-205	D.C. Can. L.Sup.
	lacustris Csy. 15–432	Minn.	46. brunneus (Grav.) 02–172	CanTex. Ind.
	convergens Csy. 15–432	Mont.	sericans (Grav.) 02–171	[Fla.
10.	scutellatus Csy. 15–434	Cal.	dimidiatus Say 34–450 brevis Melsh. 46–37	
11.	incertus Solsky 67–135	Mex. Ariz.	picatus Kby. 37–93	
	gracilicornis Horn 84–190		***	
12.	umbrinus (Grav.) 02–169 moestus (Grav.) 06–47	N.YS.C.Ind.	47. cyanipennis (Fab.) 92–525	Eur.& N.Am. Ind.
13.	flavolimbatus Er. 40–471	So.Cal. No. &	amœnus (Oliv.) 94–26	E.U.S. Ky.
		So.Am.Gulf	cœrulcipennis Mann. 30–27	•
14	palliatus (Grav.) 06–53	St. Fla. Ariz. Ind.Can-Colo.	48. blandus (Grav.) 06–72 pulchellus Melsh. 46–36	Ind. Can. Va. [Ill.
	pubes Horn 84–192	NevWash.	pæderinus Sachse 52–126	ĮIII.
	grandicollis Horn 84–193	So.CalVanc.	49. quediinus Horn 84–209	Mich. Kan.
17	puberulus Horn 84–193	Ariz.? Ariz. Gal.	50. sordidus (Grav.) 02–176	Ind.Eur.& N.Am. So.Cal.
	quadricollis Horn 84–194	Ind. N.Y. Mo.	longipennis Prov. 77–730	CanCal.
		Mich.	51. filicornis Horn 84–210	Nev.
10	?quisquiliarius(Gyll.)10–33 theveneti Horn 84–194	5Cosmop. Cal. Nev.	52. cephalotes (Grav.) 02–22	Eur.& N.Am. Mass. Nfld.
	debilis (Grav.) 02–35	Eur.&N. Am.	53. inquietus Er. 40-928	S.CTex. No.
	, ,	AtlNeb.	·	&So.Am.Ariz.
91	varians (Payk.) 89-45	Ind. Fla. Eur.& N. Am.	54. versutus Horn 84–211 55. ventralis (Grav.) 02–174	So. Cal. Cosmop.Ind.
1.	varians (1 ayk.) 69-40	L.I. N.Y. N.J.		Mich.Mo.Nev.
	"" (0	Ariz.?	56. distans Horn 84–211	Vanc. Nev.
a.	agilis (Grav.) 06–77	Eur.& N. Am.	57. molliculus Csy. 15–436	Cal.
22.	niger Melsh. 46–38 cervicalis Csy. 15–437	N.Y.	58. fallaciosus Horn 84–212 59. inversus Horn 84–239	Mass. Pa. Colo.
	longicornis Steph. 32–237	Cosmop. Fla.	60. brevipennis Horn 84–212	L.Sup. Man.
		Ind. Ariz. So.	61. siegwaldi Mann. 43–230	No.Cal. Alas.
	scybalarius Nordm. 37–94	Cal. Nfld. U.S. & Can.	62. crassulus Horn 84–213 63. liorni Bnhr. 14–341	Nev. Ariz.
	promptus Er. 40–929		parvus Horn 84–214	

Philonthus Curtis	Co Col	Hesperus Fauv. 4513. baltimorensis(Grav.)02-163	M &C St Ind
4464. clunalis Horn 84–213 65. flumincus Csy. 15–439	So. Cal. Mo.	4515. Dartimorensis(Grav.)02–105	M.as. St.ma.
66. bidentatus Horn 84–214	CalVanc.	Belonuchus Nordm. 37-129	
67. virilis Horn 84–215	Vanc. So.Cal.	4514. formosus (Grav.) 06–72	Atl.St. Ind.
68. punctatellus Horn 84–215	Nev. H.B.T.	pallipes Melsh. 46–35	[Fla. Ariz.
69. ottawensis Csy. 15–438 70. nigritulus (Grav.) 02–41	Can. Ind. Eur.&	15. cphippiatus (Say) 34–448 ?erythropterus Solsky 68–13	Mex. Ariz.
70. hightunus (Grave) 02 11	N.Am.	16. punctiventris Csy. 15–446	Ariz. [Cal.
aterrimus (Grav.) 02–41	N.EngVanc.	17. laticeps Csy. 15-446	So.Cal.
pumilus Mann. 30–32	[So.Cal.Ariz.	18. jacobianus Csy. 15–447	So.Cal.
71. picipennis Mäkl. 52–313 72. multipunetatus Blatch 10–3	Alas. 389	19. texanus Csy. 15–447	Tex. Ariz.
72. multipuliculus Diacellico	Ind.	20. moquinus Csy. 84–125 ?xanthomelas Solsky 67–13	
73. microphthalmus Horn 84-2	216	21. quadrifer Csy. 15–448	Ariz.
~ 4	N.EngVanc.	22. arizonicus Csy. 15–448	Ariz.
74. cephalicus Csy. 15–438 75. linearis Csy. 15–439	Man. [Va.Ind. B.C.	23. pallidus Csy. 15–449	Fla.
76. nanellus Csy. 15–440	No.Ill.	24. pollens Sharp 85–441	Mex. (?U.S.)
77. decipiens Horn 84–217	Cal.	Okambanii T FO 401	
78. albionicus Mann. 43–231	Cal. Alas. Ariz.	Staphylinus L. 58–421 4525. nigrellus Horn 79–188	No.Cal.Or.
79. adustus Csy. 15–440	Cal. Colo.Wy. So.	1020. Ingrenus Horn 75 100	Ariz.
80. instabilis Horn 84–218 81. picicornis Horn 84–218	Nev. [Cal.	26. badipes Lec. 63–36	N.EngMich.
82. atrolucens Csy. 15–434	Cal.	carbonatus Lec. 63–36	[Ind.
83. validus Csy. 15–435	N.Y. Pa.	27. pleuralis Lec. 61–343	Ut.Or.Vanc.
****		28. saphyrinus Lec. 61–342 29. luteipes Lec. 61–342	Cal. So.Cal. Cal. So.Cal.
84. serpentinus Horn 84–219	Ky. Ind.	30. erythropterus L. 58–422	Eur & N.Am.
85. quadrulus Horn 84–221	So.Cal. Ariz.	cæsareus ‡ Lec. 78–597	[Man. Mich.
86. gracilior Csy. 15–444	Cal. Ariz.	31. cæsareus Cederhj. 98–335	Eur.& N.Am.
87. sagax Csy. 15–445 88. viridanus Horn 84–221	M.StMo.	ornaticauda Lec. 63–37	Vt. Can.
89. confertus Lcc. 63–40	Ill. Can. Ia.	32. vulpinus Nordm. 37,–53 33. maculosus Grav. 02–165	M.St. Ind. Atl.StMex.
	Kan.	viduatus Fab. 01–591	[Conn. Ind.
90. protervus Csy. 15–443	No.Ill. Man.	erythropennis Mann. 30–22	2
91. finitimus Csy. 15–443 92. stictus Hausen 91–321	Can. Can.	34. mysticus Er. 40–926	N.Y. Mo. Ga.
93. lecontci Horn 84–222	So.CalColo.	35. tarsalis Mann. 43–229	Ind. Conn. Alas.So.Cal.
94. morosus Csy. 15–441	Cal.	submetallicus Lec. 61–342	Ariz.
95. vulgatus Csy. 15–442	N.Y. Can.	36. femoratus Fab. 01–594	So. St. Ga.
96. pansatus Csy. 15–442 97. aurulentus Horn 84–222	Colo. [Minn. MichWash.	varipes Sachse 52–126	350 T T 1
97. auruichtus Horn 64 222	Ind.	37. tomentosus Grav. 02–161 38. pinorum Csy. 15–427	M.St. La.Ind. N.C. [Fla.
***************************************		39. fluviaticus Csy. 15–428	Mo.
98. nematocerus Csy. 15–436	B.C.	40. temporalis Csy. 15–429	N.C. Fla.
99. nobilis Bnhr. 10–381	N.Mex. N.Am.(Nfld?)	41. neomexicanus Bnhr. 14–381	l N.Mex.
4500. perforatus Fvl. 89–114	IN AMIL (INITAL)	modestus ‡ Fall 07–219	T. Cal
Caffus Steph. 32–245		42. lucanus Horn 94–362 43. fossator Grav. 02–164	L.Cal. Mich.Ind.Ga.
(Bryonomus Csy. 86–313)	~ ~ 1 .11	10. 1055@101 01@1102 101	[Conn.
4501. canescens Mäkl. 52–313	So.CalAlas.	a. immaculatus(Fvl.mss.)Hor	
02. scminitens Horn 84–236	So.Cal.	44. comes Lec. 63–36	Ga. Fla. Ind.
(Remus Holme 37–64)	XX7 1.	45. cinnamopterus Grav.02–16 zonatus Grav. 02–162	[Fla. Conn.
03. johnsoni Fall 16–13 04. lithocharinus Lec. 63–38	Wash. So.Cal.	badius Mann. 30–23	[ria. com.
05. lutcipennis Horn 84–237	So.Cal.	46. violaceus Grav. 02–132	Can.Ind.N.C.
06. bistriatus Er. 40–502	Atl. St. Fla.	a. cupripennis Melsh. 46–35	[Conn.
07. sulcicollis Lec. 63–40	So.Cal.	47. rutilicauda Horn 79–196 48. viridanus Horn 79–196	Or. N.EngMich.
08. femoralis Mäkl. 53–189 mutatus G. & H. 68–590	Alas.	49. exulans Er. 40–374	CanGa.
09. sericeus Holme 37–64	N.J. Eur.&	50. prælongus Mann. 30–24	MassPa.
	N.Am. Fla.	cicatricosus Lec. 63–37	Fla.
10. decipiens Lcc. 63-40	So.Cal. (C.I.?)	77	
11. opacus Lcc. 63–40	So.Cal.	Ocypus Kr. 58–536	Do N.C. C
dubius Lec. 63–39	Cal.	4551. ater (Grav.) 02–161	Pa.N.S. Can. Eur.&N. Am.
Hesperus Fauv. 72-426			Ind. Conn.
4512. apicalis (Say) 34–451	CanGa. Ind.		N. Y.N.J.La.
hæmaturus (Er.) 40–504			Kan.

	rty 30–32) E. N.Am. Vanc. Conn. [Ind. Ont.N.Y. Conn.	Creophilus Mann. 30–16 4555. maxillosus (I) 58–421 a. arcticus Er. 40–348 b. villosus (Grav.) 02–160 Thinopinus Lec. 52–215 4556. pictus Lec. 52–216 a. variegatus (Mots.) 52–78 Hadrotes Lec. 61–342 4557. crassus (Mann.) 46–509 a. extensus Lec. 61–342 Trigonopselaphus G. & H. 68–8 (Trigonophorus Nordm. 37 4558. subcœruleus (Lec.) 63–35 Xanthopygus Kr. 58–539 4559. cacti Horn 68–131	
	QUEDI		
	Horn 78;	•	
Tanygnathi		Quedius Steph.	
Tanygnathus Er. 39–417 4560. bicolor Csy. 15–424	Fla.	(Anaquedius Csy. 15–397) 4578. vernix Lec. 78–389	Mass. Can.
collaris Horn 78–150 (nec E		(Quedius Steph. s.str.)	[Ill. Ind.Mich.
61. acuminatus Csy. 15–425	Tex.	79. molochinus (Grav.) 06–46	Lab. Eur.N.H.
Quedii Acylophorus Nordm. 37–127		?picipennis Payk. 00–373	Vanc.Alas.
4562. glaberrimus (Hbst.) 84–151		80. strenuus Csy. 15–401	Colo.Nfld. No. Tex.Ariz. [Ga.
62 protonois I on 62 24	Mex. Ariz. Kan.		TOMITIZE (OU.
63. pratensis Lec. 63–34 64. flavicollis Sachse 52–143	Pa.Ind.Kan.	(<i>Quediellus</i> Csy. 15–398) 81. nanulus Csy. 15–402	Cal. Or.
	Tex.	82. debilis Horn 78–165	Cal. Vanc.
65. pronus Er. 40–521	So.Cal. U.S. Ind. Fla. Man.	83. helenæ Csy. 15–403 84. humilis Csy. 15–403	Mont. Cal.
a. gilensis Lec. 63–34	Ariz.	85. densiventris Csy. 15–404	Mont.
b. longistylus Csy. 15–426	Fla.	(Distichalius Csy. 15–398)	
66. caseyi n. m. longicornis Csy. 15–427	N.Y.	86. capucinus (Grav.) 06–40	Alas.So.Cal.
67. densus Lec. 78–387	Fla. Md.	:	Fla.
68. lecontei Duv. 83–136 flavipes Lec. 78–387	Fla. Ohio.	inversus Say 34–449 bardus Melsh. 46–39	Ind. Ga. N.Y. Va. Ia.
		ater Zieg. 46–266	
Heterothops Steph. 32–256 4569. fumigatus Lec. 63–35	Mich. M.St	a. pediculus Nordm. 37–79 87. nevadensis Csy. 15–405	Alas. Nev.
	Cal. Ariz.	88. marginalis Mäkl. 52–315	AlasCal.
a. fusculus Lec. 63–35 b. californicus Lec. 63–35	Ind. Mass. So.Cal.	89. brunneipennis Mann. 43–23	
70. carbonatus Fall 01–220	So.Cal.	90. ænesæns Mäkl. 52–315 91. agnatus Csy. 15–406	Alas. Man.
71. pusio Lec. 63–35	So.Cal.Ariz.	92. virginieus Csy. 15–406	Va. N.J.
	N.Y. Pa. O. Ind.	93. oculcus Csy. 15–407 94. sparsus Csy. 15–407	B.C. Cal.
72. mediocris Fall 07–220	N.Mex.So.Cal.		
73. occidentis Csy. 86–263 exilis Csy. 86–208	So.Cal.Ariz.	(Microsaurus Steph. 32–21) 95. peregrinus (Grav.) 06–53	o) N.C. R.I.D.C.
· · · · · ·		silvicola Csy. 84–123	Pa. [Ind.
Quedius Steph. 32-215 (Hemiquedius Csy. 15-397)		a. terminatus Melsh. 46–39	N.C.
4574. ferox Lec. 78–388	Mass.Can.Ind.	96. rutilans Csy. 15–409 97. canadensis Csy. 15–409	Cal. Que.
(Quadienzahus Shr. 27, 226)	Fla. La.	98. criddlei Csy. 15–410	Man.
(Quedionuchus Shp. 87–336) 75. lævigatus (Gyll.) 28–306	Eur.&N.Am.	99. erythrogaster Mann.52-314	l Alas.So.Cal. N.Y. Eur.
	Nfld Alas.	4600. mesomelinus (Marsh.) 02-5	510
plagiatus Mann. 43–231	Alas. Pa.Can. Ind. Ga. Kan.		Eur.&B.C.
76. longipennis Mann. 46-509	Alas. Or. [Or.		Cal.Ia.N.Y. Can.
rufipennis Mäkl. 53–109	Alas.	a. grænlandicus Zett. 28-61	Greenland,
(Paraquedius Csy. 15–397) 77. puncticeps Horn 78–166	Vanc.	?fulgidus (Fab.) 87–220	Me. O. Eur.
777 puncticeps from 70-100	· anc.	.ruigidus (1 ab.) 01-220	LJui.

11U STAPHYLINIDÆ				
Quedius Steph. 4601. iracundus Say 34–449 fulgidus ‡ Horn 78–158(nec 02. breviceps Csy. 15–411 03. limbifer Horn 78–162 04. desertus Horn 78–161 05. rubidulus Csy. 15–413 06. pinalicus Csy. 15–414 08. curtipennis Csy. 15–414 09. montanicus Csy. 15–414 10. divergens Csy. 15–415 11. uteanus Csy. 15–415 11. uteanus Csy. 15–415 12. seriatus Horn 78–166 13. probus Csy. 15–417 14. prostans Horn 78–165 15. rupimontis Csy. 15–418 16. orbiceps Csy. 15–418 17. solitarius Csy. 15–419	Ia.Ind.So.Cal. c Fab.) Greenland-La. B.C. So.Cal. Vanc. So.Cal. Ariz. Ariz. [Ut. Ariz. N.Mex. Man. Mont. Cal. Ut. Vanc. Cal. Cal. So.Cal.No.Cal. Colo. [Vanc. Mont. N.W.St.?	Quedius Steph. 4618. fulvicollis Steph. 32–244 hyperboreus Er. 40–547 19. pugetanus Csy. 15–419 20. ?sublimbatus Mäkl. 53–190 (Quediochrus Csy. 15–420) 21. spelæus Horn 71–332 22. quadriceps Csy. 15–421 (Anastictodera Csy. 15–421) 23. compransor Fall 12–40 24. boops Grav. 02–26 — transparens Mots. 45–358 Megaquedius Csy. 15–421 4625. laxatus Csy. 15–421 4625. laxatus Csy. 15–422 26. explanatus (Lec.) 58–61 27. manitobensis Csy. 15–423 — melanocephalus Mann.52–3	L.Sup. Ind. [Sib. Ind.Colo.Fla. Man. Kan. Greenland. Cal. Cal. So.Cal. Mont. Man. [Ariz.	
			1.000	
	OXYPO	ORINÆ		
	Охур	ORINI		
	Fauvel 64;	Leconte 77		
Oxyporus Fab. 75–267 4628. femoralis Grav. 02–196 a. pulcher Zieg. 44–43 29. austrinus Horn 85–135 30. elegans Lec. 77–215 31. major Grav. 06–234 32. rufipennis Lec. 63–51 33. stygicus Say 34–459 34. vittatus Grav. 02–195	N.J. D.C. O. Ga. N.J. La. O. Conn. N.J. D.C. W.St.N.J. D.C. Ind. D.C. O. Pa.Ind.Conn. O. N.J. D.C.	Oxyporus Fab. b. dimidiatus Melsh. 46–39 4635. fasciatus Horn 85–135 36. bicolor Fauv. 64–371 37. lateralis Grav. 02–195 a. brevis Melsh. 46–39 38. occipitalis Fauv. 64–371 39. lepidus Lec. 77–215 40. quinquemaculatus Lec. 63–		
a. cinctus Grav. 02–196	Pa.		Pa. D.C.	
	TACHY	PORINÆ		
	Horn 77;	Casey 95		
	Нурос	YPHTINI		
Hypocyphtus Mann. 30–581 (Hypocyptus auct.) 4641. longicornis (Payk.) 89–340 ziegleri Lec. 63–30 42. crotchi Horn 77–86 43. nigritulus Lec. 78–510	Eur.&N.Am. Pa. Mass. B.C. Colo.	Hypocyphtus Mann. 4644. læviusculus Mann. 30–58 Microcyptus Horn 82–1 ¹ (Anacyptus Horn 77–87) 4645. testaceus (Lec.) 63–30	Eur.&N.Ám. Mass. Ga. Ariz. Fla.	
Tricopseniini				
Trichopsenius Horn 77–88 ¹ 4646. depressus (Lec.) 63–30	Fla. Ga. Ind. Mass. Tex.La. Fla. Cal.	Xenistusa Lec. 80–166 ¹ 4647. cavernosa Lec. 80–167 48. fossata Lec. 80–167 49. pressa Lec. 80–167	Tex. Tex. Tex.	
Tachyporini				
Tachinus Grav. 02–135 4650. maculicollis Mäkl. 52–311 51. semirufus Horn 77–94 52. memnonius Grav. 02–192 batychrous Grav. 02–191 rufus Sachse 52–121 53. tachyporoides Horn 77–94	Alas. Vanc. Cal. N.HB.C. [N.C. Ind. Cal.Vanc.B.C.	Tachinus Grav. 4654. agilis Horn 77–95 55. angustatus Horn 77–95 56. debilis Horn 77–96 57. repandus Horn 77–96 58. scrutator Horn 77–97 discoideus Melsh. 44–32	So.Cal. Cal. Colo. So.Cal. Vanc. N.Y.La.Ind. Ill.[Mich.Nfld.	
1				

¹ Termitophilous (see Proc. Ent. Soc. Wash. I. 160).

	inus Grav.	0	Ercho	omus Mots. 58–218	
	mimus Horn 77–97	Or.	1000	(Coproporus Kr. 58–399)	Dwo sil
	addendus Horn 77–97 parallelus Horn 77–98	L.Sup. Ill.Can.Lab.	4000.	convexus (Er.) 40–248 inflatus Horn 77–107	Brazil. Ariz.
	nigricornis Mann. 43–325	Alas. Vanc.	89.	punctipennis (Lcc.) 63–31	Ariz.So.Cal.
	flavipennis Dej. 36–80	Can.Ind.Ga.		ventriculus (Say) 34–466	E.U.S. Ind.
00.	luridus ‡ Horn 77–98 (nec E		00.	gibbulus (Er.) 40–252	[Fla. Conn.
64.	luridus Ér. 40–920	Can.Ind.Ill.		acuductus (Kby.) 37-90	(= 1.0.
	canadensis Horn 77–99			affinis (Kby.) 37–91	
65.	fimbriatus Grav. 02–191	Can.Ind.N.C.		punctulatus (Melsh.) 44–32	
66.	picipes Er. 40–257	Can. Va.		flavidus Csy. 84–140	Pa.
	schwarzi Horn 77–100	Mich.		politus Mance 15–175	N.C.
	limbatus Melsh. 44–32	M.St. Conn.	92.	lævis (Lec.) 63–31	Gulf St.Ind.
69.	fumipennis Say 34–466	Pa. Fla.	02	inf D 57 22	Fla.
	axillaris Er. 40–261		95.	infimus Duv. 57–33	W.S. (Fla.?)
70	colonus Sachse 52–121 pallipes Grav. 06–20	Ind. Eur. &			
, 0.	pampes Grav. 00 20	N.Am. Man.	Physe	etoporus Horn 77–106	- 4
	frigidus Er. 40–256	VaCan.Alas.	4004	(? Tachinomorphus Kr. 59-	4 · •
71.	crotchi Horn 77–101	Vanc. [Pa.	4694.	grossulus (Lec.) 63–31	Arız.
	instabilis Mäkl. 53–185	Cal. Alas.			
	apterus Mäkl. 53–186		Cono	soma Kr. 58–431	
73.	basalis Er. 40–262	Asia-Kan	4005	(Conurus Steph. 32–188)	D 24' 1 T 1
		Alas.	4695.	knoxi Lec. 66–374	Pa.Mich.Ind.
	eireumeinetus Mäkl.52-310		06	littoroug (T.) 46, 959	Wis.
	nitiduloides Horn 77–102	CanMd.	90.	littoreus (L.) 46–852	Mass.Can. Eur.
75.	elongatus Gyll. 28–251	Can.Alas. &	97.	opicus (Say) 34-467	Gulf St.Ind.
76	ferrugineus Esch. i litt.	[Eur. Alas.Eur.&	0	cinctulus (Er.) 40–226	N.Y. Va. [Fla.
10.	rufipes DeG. 52–24	N.Am.		corticola Csy. 84–146	Pa.
77.	arcticus Mots. 60–122	Sib.&N.Am.	98.	imbricatus Čsy. 95–439	N.Y. N.J.Pa.
	propinguus Mann. 43–226	Alas. [Alas.			Fla.
	puncticollis Zieg. 44-267	N.Am.		?pubescens Horn 77-111 (ne	
Tachy	yporus Grav. 06–1			0	Eur.&N.Am.?
	maculipennis Lec. 66–374	Ill.Mich.Ga.		?testaceus (Fab.) 92–535	
10.0.	macan pennis nec. 00 0.1	Ind. Kan.	00	adeps Zimm. i. litt.	To
79.	elcgans Horn 77–103	Can. Ind.		limuloides Csy. 95–441 velocipes Csy. 95–442	la. N.Y. N.J. Va.
	pulchrus Blatch. 10-447	Ind.		castaneus Horn 77–111	So.Cal. Ariz.
	?obtusus (L.) 58–684	Eur.		virginiæ Csy. 95–443	Va.
81.	jocosus Say 34–466	Fla. Mich.Ga.		macer Csy. 95–443	S.C. Va.
		Ind.Eur.Sib.	04.	bipustulatus (Grav.)02-132	Eur. Asia,
	I II 40 997	Conn.		· · · · · ·	N.Am. Nev.
09	arduus Er. 40–237	Fla. L.Cal.		bisignatus Horn 77–110	So.Cal.
Oú.	chrysomelinus (L.) 46–855	Eur.& Can. Nfld.	05.	basalis (Er.) 40–225	Conn.Ind.Fla.
Ω	acaudus Say 34–467	Sib. Ind.		puliarius (Sachse) 52–120	n
	maculicollis Lec. 66–374	Can.	06	setifer Csy. 84–147	Pa. D.C. Mass.
	californicus Horn 77–104	OrL.Cal.		occultus Csy. 84–145 crassus (Grav.) 02–190	Can.Gulf St.
84.	nanus Er. 40–240	CanPa.	01.	moestus (Say) 34–466	[Ind. Fla.
85.	macropterus Steph. 32–186		08.	versicolor Csy. 84–142	Pa.
	scitulus Er. 39–395	D.C.		debilis Csy. 95–447	N.C.
86.	nitidulus Fab. 81–337	Cosmop. Ind.		subtilis Csy. 95–448	Tex.
	brunneus (Fab.) 92–535	[So.Cal.		carinulus Blatch. 10–451	Ind.
	faber Say 34–468			parvulus Horn 77-111	N.C. Fla.
Leuce	paryphus Kr. 57–393		13.	scriptus Horn 77–112	Fla. Mich.La.
	(Cilea Duval 58–25)		1.4	-l	Ind. R.I. N.Y.
4687.	silphoides (L.) 58–684	Eur.& N.Am.		elongatus Blatch. 10-450	Ind. Cal.
	marginellus (Grav.) 02–192	MassSo.Cal.	10.	heathi Wasm. 02–95 ¹	Cal.
	geminatus (Rand.) 38–39				
		Dozza			
		Bolito	DRIINI		

Bolitobius Steph. 32–171		Bolitobius Steph.	
(Bryocharis Lac. 35–502)		4718. axillaris (Grav.) 06–29	Gulf St.
(Megachronus Steph. 32-16	35)	facilis Csy. 84–148	Pa. D.C.
4716. niger (Grav.) 02–193	Ill. Pa. Can.	19. dimidiatus Er. 40–276	Gulf St. Ind.
17. arizonensis Bnhr. 12–681	Ariz. [Mich.	20. nepigonensis Bnhr. 12-681	Ont.

¹ Termitophilous (see Proc. Ent. Soc. Wash. I. 160).

	obius Steph.		Bryoporus Kr.		
	intrusus Horn 77–115	Can.Pa. Ind.	4737. rufescens Lec. 63–33	Lab.Mich	
22.	cingulatus (Mann.) 30–64	Eur. Ind. Can.		Fla. Ariz.	
		Pa. B.C. Or.	rubidus Lec. 63–33	PaInd.	
23.	cincticollis Say 34–465	PaB.C. Ind.	testaceus Lec. 63–33	Cal. Fla.	
		Conn.So.Cal.	parvulus Csy. 84–151	Pa.	
	bimaculatus Couper 65–61	[Ariz.			
	occiduus Csy. 84–150	Wash.	Mycetoporus Mann. 30-62		
24.	anticus Horn 77–117	Nfld. N.Eng.	4738. humidus Say 34–65	FlaCal. Ind.	
		Mich. Ind.	lepidus ‡ (Grav.) 06–26		
25.	pygmæus (Fab.) 81–339	Eur. Gulf St.	39. horni Leng 18–204		
		B.C. Ind.Fla.	tenuis Horn 77-122	L.Sup.	
	? thoracicus Fab. 77–242		40. consors Lec. 63–34	Mich. Ind.	
	trimaculatus Say 34–464		41. neotomæ Fall 10–100	So.Cal.	
	venustus Melsh. 46–33		42. americanus Er. 40–285	Pa. Ill. Ind.	
	binotatus Melsh. 46–33		a. lucidulus Lec. 63–33	Fla.	
	angularis Sachse 52–122		43. flavicollis Lec. 63–33	La.Mich.Fla.	
	trinotatus Er. 40–279	Mass.Alas.	a. pictus (Fvl. mss.) Horn 77-	123 [Ind.	
	pœcilus Mann. 52–312	Alas. [Ind.Fla.	44. splendidus (Grav.) 06–24	Cal. L.Sup.	
29.	obsoletus (Say) 34–464	VaTex.	• • • • • •	B.C. Eur.	
	sellatus Sachse 52–122		americanus ‡ Horn 77–122 (nec Er.)	
30.	cinctus (Grav.) 02–193	E.U.S. B.C.	inquisitus Csy. 84–152	Pa.	
	atricaudatus (Say) 23–158	[Ind.	45. hospitalis Fall 10–101	Cal.	
	gentilis Lec. 63–31	~ ~ ~	46. californicus B. & S. 16–450		
	longiceps Lec. 63–32	Can. L.Sup.	myops Fall 10–102	No.Cal.	
32.	quæsitor Horn 77–119	N.Y. Ill.	47. insignis Mäkl. 53–186	Alas.	
	rostratus Lec. 63–32	Ill.	48. nigrans Mäkl. 53–187	Alas.	
	elefas Bnhr. 12-681	N.J.	49. punctus (Gyll.) 08–248	Eur.& N.Am.	
	biseriatus Mann. 46–508	Alas.		Mass.	
35.	exoletus Er. 39–409	Eur.& N. Am.	50. punctipennis Scriba 68–155	Eur.&N. Am.	
0 = 1	1'4 ' D I 10 000	Mich.		Ill. Mo.	
$35\frac{1}{2}$.	californicus Bnhr. 12–680	Cal.	51. brunneus (Marsh.) 02–524	Eng. & N.Am.	
	analis Payk. 89–47	Eur.& N.Am.?		N. H.	
D	T7		— longulus Mann. 30–63	Eur. & N.Am.	
	porus Kr. 58–452	т			
4736.	flavipes Lec. 63–32	La.			
		HABROC	ERINÆ		
	HADDOGEDINI				

Habrocerini

Habrocerus Er. 39–400 4752. schwarzi Horn 77–124	Mich.	Habrocerus Er. 4753. magnus Lec. 78–598	L.Sup.

TRICHOPHYINÆ

TRICHOPHYINI

Trichophya 1 Mann. 30-73		Trichophya Mann.	
(Eumitocerus Csy. 86–206)		4755. pilicornis Gyll. 10–417	N.Y.Eur.
4754. tarsalis (Csy.) 86–207	Cal.	56. lativentris Csy. 97-549	Colo.

ALEOCHARINÆ

Eichelbaum 09; Fenyes 08; Casey 93, 06, 10, 11; Bernhauer 01, 14

DEINOPSINI

Deinopsis Matth. 38–193		Deinopsis Matth.	
(Dinopsis ‡ auct.)		4758. myllaenoides Kr. 57–38	Fla. La. Miss.
4757. americana Kr. 57–38	La.Va. Ind.	59. harringtoni Csy. 11-234	Can. [Ind.
a. rapida Csv. 11–235	Ia.		

Gymnusini

Gymnusa Grav. 06–172		Gymnusa Grav.		
4760. brevicollis (Payk.) 00–398	Eur.& N.Am.	4761. atra Csy. 11-233	Mass. Can.	
• • •	Can.L.Sup.	62. variegata Kies. 45–223	Eur. & N. Am.	
	Mich.	63. grandiceps Csy. 15–395	R.I. Mich.	

¹ This genus cannot be associated with Habrocerus according to Casey, 1897, who described Eumitocerus in Tachyporini in 1886. We follow Ganglbauer in placing it in a separate subfamily. In the Junk Col. Cat. pars 67, p. 441, Eumitocerus tarsalis is cited in Habrocerinæ.

MYLLAENINI

Myllæna Er. 39–382 4764. dubia (Grav.) 06–173	Mich. Mass.	Myllæna Er. 4779. brevivestis Csy. 11–240	R.I.
65. intermedia Er. 39–383 66. minuta (Grav.) 06–174 67. fuscipennis Kr. 57–36 68. infuscata Kr. 53–373 69. fenyesi Bnhr. 07–381 70. vulpina Bnhr. 07–381 71. insomnis Csy. 11–236 72. audax Csy. 11–236 73. abdita Csy. 11–237 74. insipiens Csy. 11–237 75. obscurata Csy. 11–238 76. procidua Csy. 11–238 77. arcana Csy. 11–239 78. ludificans Csy. 11–239	Can. Eur.&N.Am.? Eur.& N.Am.? Mo.Ind.Eur.& La. [N.Am. Fla.W.Va. Mass.Eur.& So.Cal.[N.Am. Ind.Pa. W.Va. Mass. N.Y. N.J. Pa. N.J. N.Y. Ia. R.I.	80. immunda Csy. 11–240 81. decreta Csy. 11–241 82. impellens Csy. 11–241 83. brevicollis Csy. 11–241 84. frivola Csy. 11–242 85. esuriens Csy. 11–242 86. vegeta Csy. 11–243 87. umbra Csy. 11–243 88. scobinella Csy. 11–244 90. dissimulans Csy. 11–244 90. dissimulans Csy. 11–244 91. helenæ Csy. 11–225 92. filitarsis Csy. 11–225 93. alutacea Csy. 11–226	Can. Cal. Cal. Cal. Nev. Cal. Cal. Cal. Cal. Cal. Mont. Mont. Cal.
•	Hygro		
Bamona Sharp 87–287 4794. carolinæ Csy. 06–355 95. falliana Csy. 93–378 96. tenuissima Csy. 06–356	N.C. So.Cal. Cal.	Gyronychina Csy. 11–218 4804. attenuata (Csy.) 85–306 lineata (Csy.) 93–376 fenyesi (Bnhr.) 06–337 longipennis Csy. 11–219	Cal. Nev. So.Cal. Cal.
Leptobamona Csy. 11–216 4797. pertenuis (Csy.) 93–77	N.J.	Alisalia Csy. 11-219	
Gyronycha Csy. 93–372 4798. valens Csy. 93–373 99. texana Csy. 93–373 4800. obscura Csy. 93–375 01. fusciceps Csy. 93–376 02. lepida Csy. 11–217 03. longicornis Csy. 11–217	Tex. Tex. So.Cal. Ind. N.Y.N.C. N.C. N.Y.	4805. brevipennis Csy. 11–220 06. parallela Csy. 11–220 07. testacea Csy. 11–221 08. minutissima Csy. 11–221 09. delicata Csy. 11–222 10. austiniana Csy. 11–222 11. bistriata (Bnhr.) 09–528 12. antennalis Csy. 11–223	R.I. Tex. N.C. N.C. Colo. Tex. Pa. Tex.
	Oligo	TINI	
Somatium Woll. 54–563 4813. effugens Csy. 11–227 14. nugator Csy. 94–379 15. pallescens Csy. 11–227 16. claviger Csy. 94–380 17. oviformis Csy. 94–381 18. lustrans Csy. 11–228 19. abruptum Csy. 11–228 Oligota Mann. 30–72 4820. pumilio Kies. 58–53	O. Pa. Ia. Ia. So.Cal. Mo. Miss. Tex. D.C. Mo. Eur.& N.Am.?	Oligota Mann. 4822. puncticollis Csy. 11–229 23. apicata Er. 39–365 24. parva Kr. 62–300 25. pusillima (Grav.) 06–175 26. parallela Csy. 11–232 27. linearis Csy. 11–232 28. californica Csy. 11–230 29. congruens Csy. 11–230 30. esmeraldæ Csy. 11–231 31. texana Csy. 11–231	Ia. Eur. & N.Am.? Eur. & N.Am. Mass. Mo. Eur. & N.Am. L.I. [Mass. N.Y. Cal. Cal. Nev. Tex.
21. pedalis Lec. 66–372	D.C.		
Autalia Mann. 30-14	Bolitoc	Amenusa Csy. 11-196	
4832. puncticollis Sharp 64-45 33. elegans Csy. 86-204 34. copiosa Csy. 11-180 35. truncatula Csy. 11-180 36. brevicornis Csy. 11-181	Wash. Eng. & Cal. [N.Am. Cal. Alas. B.C.	4839. spissula Csy. 11–197 Placusa Er. 39–370 (Amenusa Csy. 06–349) 4840. complanata Er. 40–194	Cal. Eur.& N.Am.
Apheloglossa Csy. 94–348 4837. rufipennis Csy. 94–349	Ariz.	41. atrata Sahlb. 17–375 42. tachyporoides Waltl 38–268 43. angustula Csy. 06–349	So.Cal. [Mass.
Pectusa Csy. 11–197 . 4838. oblonga Csy. 11–198	Miss.	44. despecta Er. 40–197	Fla.Eur.& N.Am. S.C.

Placusa Er.		Leptusa Kr.	~ ~ .
4845. tacomæ Csy. 94–350	Wash.	4884. atrocephala Bnhr. 05–250	So.Cal.
46. frosti Csy. 11–186	Mass.	85. brevicollis Csy. 94–363	Pa.
47. arizonica Csy. 11–186	Ariz.	86. canonica Csy. 06–351	Miss.
48. strata Csy. 11–187	Cal.	87. caseyi Fenycs 08–58	~ ^
49. turbata Csy. 11–188	V.C.	tricolor Csy. 06–351	Ia. Ohio.
50. petulans Csy. 11–188	Cal.	88. nebulosa Csy. 11–199	Ohio.
51. vaga Csy. 11–189	Cal.	89. iowensis Csy. 11–200	Ia.
		90. elegans Blatch. 10–342	Ind.
Silusa Er. 39–377		91. obscura Blatch. 10–343	Ind.
(Stenusa Kr. 58-47)		92. opaca Csy. 94–364	Pa. R.I. Wis.
4852. alternans (Sachse) 52–118	N.Am.	93. seminitens Csy. 94–364	N.Y. [Pa.
53. gracilis (Sachse) 52–119	N.Am.	94. semirufa Csy. 06–352	N.C. Ohio.
54. californica Bnhr. 05–249	So.Cal.	95. exposita Csy. 11–201	Ohio.
55.1	C-1	(Pasilia Rey 71–226)	
56. decolorata Csy. 06–345	Cal.	96. virginica Csy. 11–202	Va.
57. valens Csy. 06–344	N.Y. Cal.	97. frontalis Csy. 94–366	Can.
58. vesperis Csy. 94–351	Pa.	(Faramentaling Care 06, 245)	
59. rutilans Csy. 11–190	Ia.	(Eucryptusa Csy. 06–345)	R.I.
60. modica Csy. 11–190 61. senescans Csy. 11–191	Ia.	98. nanula Csy. 94–352 99. pavida Csy. 11–203	N.Y.
62. densa Fenyes 09–418	So.Cal.	4900. immunis Csy. 11–204	Ia.
63. opaca Fenyes 09–418	Cal.	01. fragilis Csy. 11–204	Cal.
os. opaca renyes ov 410	Car.		Cai.
Diaulota ² Csy. 94–353		(Dianusa Csy. 06–346)	~ ~ 1
4864. densissima Csy. 94–354	Alas.B.C.Cal.	02. pasadenæ Csy. 06–347	So.Cal.
a. insolita Csy. 94–355	Alas.	03. bakeri Csy. 11–205	Cal.
a. manta esj. 02 goo	11100	(<i>Ulitusa</i> Csy. 06–347)	
Euvira Sharp 83–278		04. cribratula Csy. 06–348	Ohio, Pa.
4865. debilis Sharp 83–281	Guat.(U.S.?)	05. pusio Csy. 06–348	Ohio.
1		1	
Amblopusa ² Csy. 94–355		Bryobiota ² Csy. 94–367	
(Amblyopusa Eich. 09–209))	(<i>Phytosus</i> ‡ Csy. 85–311)	
4866. borealis Csy. 06–354	Alas. B.C.	4906. bicolor (Csy.) 85–311	So. Cal.
67. brevipes Csy. 94–356	Alas. B.C.		
68. pallida Csy. 11–212	Vanc.	Thinusa Csy. 94–371	
		4907. maritima (Csy.) 85–312	CalAlas.
Ecitoxenia 2 Wasm. 01-232	m	obscura Csy. 06–354	So.Cal.
4869. brevipes Brues 02–185	Tex.	08. fletcheri Csy. 06–353	Alas.
m1 1 0 01 057		a. robustula Csy. 11–215	B.C.
Thecturota Csy. 94–357	TD	divergens Csy. 11–213	B.C.
4870. laticeps Csy. 11–208	Tex.	09. nigra Csy. 11–214	B.C.
71. capito Csy. 94–358	Tex.	Broothings Core 04 210	
72. fracta Csy. 11–209	Ariz. · Nev.	Bryothinusa Csy. 04–312	So Col
73. nevadica Csy. 11–209	Va.	4910. catalinæ Csy. 04–313	So.Cal.
74. histrio Csy. 11–210 75. demissa Csy. 94–359	N.Y.	Crimalia Csy. 11–206	
76. tenuissima Csy. 94–358	R.I.	4911. quadriceps Csy. 11–207	Miss.
77. exigua Csy. 94–360	Ia.	1011. quadreceps obj. 11 201	±1.4.2.0.0.♦
?subtilior (Bnhr.) 07–396	So.Cal.	Phytosus ² Curtis 23-718	
		4912. littoralis Horn 71–331	N.J.
(Oligurota Csy. 94–361)	т 1	13. opacus Lec. 63–28	Cal.
78. pusio Csy. 94–362	Ind.	*	
(Hemithecta Csy. 11-211)		Liparocephalus ² Mäkl. 53–191	
79. ruficollis Csy. 11–211	So.Cal.	4914. brevipennis Mäkl. 53–192	AlasCal.
		cordicollis Lec. 80–177	Cal.
Thectura Thoms. 58–32	011 72		
4880. cuspidata Er. 40–96	Ohio, Eur. &	Bolitochara Mann. 30-75	
81. americana Csy. 94–360	N.Y. [N.Am.	(Stictalia Csy. 06–264)	
T		(Ilyobates ‡ Csy. 85)	4.1
Leptusa Kr. 56-60	0.73	4915. notata Mäkl. 52–305	Alas.
4882. hæmorrhoidalis Heer 38–33		a. densicollis Csy. 06–265	B.C.
	Mass.S.C.Ill.	b. aspera Csy. 06–266	Cal.
99 amaria - D-1 07 951	Tex.	16. californica Csy. 85–307	Cal. So. Cal.
83. americana Bnhr. 05–251	So.Cal.	17. punctiventris Csy. 06–266	Cal.

 ¹ 4855 was used for collaris Csy. the type of Casey's genus Pancota. Sec no. 5604.
 ² The position of some genera and species, being determined by the number of tarsal joints (a difficult fact to ascertain on account of small size and one on which authorities sometimes disagree) may be subject to alteration.

•			
Bolitochara Mann.	~ 1	Gyrophæna Mann. 30-74	
4918. rugipennis Csy. 06–267	Cal.	4956. affinis Sahlb. (nec Fauv.) 1	
nigripennis ‡ Fenycs 08–58 19. obsolescens Csy. 06–267	Cal.		Eur.& N.Am.? Mass.N.J.S.C.
20. carlottæ Csy. 11–182	Alas.	57. bihamata Thoms. 67–46	Eur.& N.Am.
21. arcuata Csy. 06–267	B.C.		B.C.
22. bakeri Csy. 06–268	Cal.	58. fasciata Marsh. 02–514	Eur.&N.Am.?
23. collaris Csy. 06–268 24. laxicornis Csy. 06–268	Cal. Cal.	59. vitrina Csy. 06–291 60. attonsa Csy. 11–184	N.Y. Pa. N.Y.
25. nigrina Csy. 85–308	Cal.	61. flavicornis Melsh. 44–31	N.Y. Nfld.
26. brevicornis Csy. 06–269	Cal.	62. uteana Csy. 06–292	Ut.
27. minor Csy. 06–269	Cal.	63. gaudens Csy. 06–292	Wis.
(Silusida Csy. 06–270)		64. monticola Csy. 06–293 65. pacifica Csy. 06–293	Colo. B.C.
28. marginella Csy. 94–370	N.Y. Pa.	66. lobata Csy. 06–294	Ind. N.Y.
(Venusa Csy. 06-272)		67. involuta Čsy. 06–294	N.Y.
29. picta Csy. 06–272	N.YIa.	68. antennalis Csy. 06–295	N.Y.
30. blanchardi Csy. 94–369 31. lætula Csy. 06–273	N.Y. Ind. Ia. Mo.	69. insolens Csy. 06–295 70. fuscicollis Csy. 06–296	L.Sup. N.Y.
	1410.	71. modesta Csy. 06–296	N.Y.
(<i>Pleurotobia</i> Csy. 06–273) 32. suturalis Csy. 06–274	Ohio.	72. gilvicollis Csy. 06–296	N.Y.
33. tristigma Csy. 06–274	Mo.	73. laurana Csy. 06–297	Colo.
?trimaculata (Er.) 40–105	Ind. Pa.	74. criddlei Csy. 11–184 75. coniciventris Csy. 06–297	Man. Mo.
34. texana Csy. 06–275	Tex.	76. genitiva Csy. 06–298	Mo.
*		77. sculptipennis Csy. 06–298	Wis.N.Y.
35. unicolor Fenyes 09–198	Cal.	78. subpunctata Csy. 06–299	N.Y.
Ganines Cay 06-348		79. lacustris Csy. 06–299	Can. Ia. Wis. Pa.
Goniusa Csy. 06-348 (Euryusa ‡ Er. 39-371)		a. inconspicua Csy. 06–299 80. lætula Csy. 06–300	N.Y. Pa.
4936. obtusa (Lec.) 66–373	Pa.	81. rhodeana Csy. 06–300	R.I.
		82. fustifer Csy. 06–300	N.Y.
Homalota Mann. 30–73	Eur.& N.Am.?	83. centralis Csy. 06–301	N.Y. Wis.
4937. plana Gyll. 10–402	Mo. Fla. Ind.	84. perpolita Csy. 06–301 85. tenebrosa Csy. 06–302	Colo.
depressiuscula Mann.30-80		86. keeni Csy. 11–185	B.C.
38. funesta Csy. 11–192	Ohio.	87. subnitens Csy. 06–302	Ont.
flexibilis Csy. 11–192	Pa.	88. compacta Csy. 06–302	R.I. Mo.
39. hesperica Csy. 11–193 40. wickhami Csy. 11–194	Cal. Ia.	89. obesula Csy. 06–303 90. micans Csy. 06–303	Pa. Miss.
41. frigidula Csy. 11–194	Idalio.	91. egena Csy. 06–303	Pa. R.I.
42. humilis Csy. 11–195	N.Y.	92. exilis Csy. 06–304	Ont.
43. lepidula Csy. 11–196	Tex.	93. strictula Er. 40–191	Eur.&N.Am.?
44. silacea Er. 40–120 pernix (Csy.) 10–144	N.Am. Va.	(Eudera Fauv. 66–256)	
— semiopaca Fvl. mss.	Ariz.	94. geniculata Mäkl. 53–184	Alas.
		(Phanerota Csy. 06–285)	T. T. T.
Diestota Rey 70–194	Morr (II C 2)	95. fasciata (Say) 34–469	R.I. Pa.
4945. funebris Sharp 83–252	Mex.(U.S.?)	vinula (Er.) 40–186 96. ocularis Csy. 06–287	Ind. N.Y.
Eumicrota Csy. 06-280		97. angularis Csy. 06–287	Tex.
4946. oligotina Csy. 11–183	Mo.	98. floridana Csy. 06–288	Fla.
47. corruscula (Er.) 40–189	Ind.Tex.N.Y.	99. dissimilis (Er.) 40–186	Mo.Ind.Conn.
48. humeralis Csy. 06–282 49. texanella Csy. 06–282	Pa. [D.C.Mo. Tex.	5000. peninsularis Csy. 06–289 (<i>Phænogyra</i> Rey 71–76)	Ļ.Cal.
50. socia (Er.) 40–189	N.CTex.	01. californica Csy. 06–352	Cal.
51. melania Csy. 06–283	Mo.	02. flavicincta Jek. 73–49	N.Am.
52. pallidula Csy. 06–283	N.Y.	03. rufa Melsh. 44–31	N.Am.
53. pinalica Csy. 06–283 54. minutissima Csy. 06–284	Ariz. Miss.	04. polita (Grav.) 02–99	Eur.& N.Am.? Mass.
55. atoma Csy. 06–284	N.C.	05. pulchella Hecr 38–310	Eur.& N.Am.?
•	D.C		
_	Myrme		
Xenodusa Wasm. 94-61	17.1	Xenodusa Wasm.	Po Ind. Conn
Pseudolomechusa Mann 14- 5006. sharpi Wasm. 96–251	-174 Mex.(U.S.?)	5008. cava (Lec.) 63–30 a. lobata Csy. 11–71	Pa.Ind. Conn. Ia.
o o o o o o o o o o o o o o o o o o o	2.20(0.01.)	b. probata Csy. 11–71	Pa.
(Lomechusa ‡ Grav. 06-178	3)	c. hirsuta Wasm. 93–102	Mich.
(Atemeles ‡ Steph. 27–107)	Colo	d. major Wasm. 99–410	Conn.
07. caseyi Wasm. 97–273	Colo.	09. montana Csy. 86–202	Cal.

Xenodusa Wasm.			
2KULUUUUSW II WSIII.		Platandria Csy. 94–345	
5010 8 (WI-II-) cc 217	V		TIA Ind
5010. reflexa (Walk.) 66-317	Vanc.	5045. mormonica Csy. 94–346	Ut. Ind.
11. angusta (Fall) 01–219	So.Cal.	46. knausi Csy. 10–171	N.Mex.
			N.C.
— globifer Fvl. mss.		47. caroline Csy. 10–172	
		48. truncula Csy. 10–172	Neb.
Apteronina Wasm. 01–146		49. deductor Csy. 10–173	Kan.
	0.1		_
5012. schmitti Wasm. 01–147	Colo.	50. columbica Csy. 10–173	Or.
m1 * -1 T3 00 00"		M-411 D. 1: 07 070	
- Symbiochara Fenyes 09–325		Tetrallus Bnhr. 05–252	
5013. lativentris Fenyes 09–326	So.Cal.	5051. bicolor Bnhr. 06–343	Cal.
00201 -002-1-020			
		52. densepunctatus Bnhr. 05–2	
Myrmedonia $Er. 39-286$			Cal.
(?Zyras Steph. 27–430)		53. fenyesi Bnhr. 05–253	Cal.
	207		
5014. cremastogastris Wasm. 94-		54. trinitatis Csy. 11–162	No.Cal.
	Ohio.	55. bernhaueri Csy. 11–163	So.Cal.
15. schmitti Ham. 95–346	Pa.	· •	
		m · 1 · O O O O O O O	
16. schwarzi Wasm. 94–207	D.C.	Trichiusa Csy. 94–339	
* (24		(Xesturida Csy. 06–325)	
(Myrmedonia Er. s.str.)			Mins Ind
(Platyusa Csy. 85–305)		5056. lævis Csy. 06–326	Miss. Ind.
	C-1	(Trichiusa Csy. s.str.)	
17. sonomæ (Csy.) 85–305	Cal.		DC
18. caliginosa Csy. 94–323	N.Y. Ind.	57. polita Csy. 06–327	D.C.
19. fauveli Sharp 83–199	La. So.Cal.	58. transversa Csy. 06–327	Ohio.
			D.C.
a. recisa Csy. 11–74	Pa.	59. compacta Csy. 94–341	
b. angustula Csy. 94–323	Fla.	60. parviceps Csy. 06–328	Ohio, Ind.
	Can. Ohio.	61. setigera Csy. 94–342	N.J.
20. loricata Csy. 94–324			
21. carolinæ Csy. 11–72	N.C.	62. monticola Csy. 06–328	Idaho.
22. obliqua Csy. 94–325	N.Y.	63. columbica Csy. 11–76	B.C.
			Tex.
23. rudis Lec. 66–372	Wash.	64. convergens Csy. 06–329	
24. planifer Csy. 94–326	N.C. Ind.	65. hirsuta Csy. 06–329	Va.
		66. pilosa Csy. 94–343	R.I.
25. criddlei Csy. 11–73	Man.		
(N 11 1 C 04 200)		67. atra Csy. 06–330	Kan. Ind.
(Nototaphra Csy. 94–329)		68. postica Csy. 06–330	Can.
(?Myrmæcia Rey 73–130)		69. virginica Čsy. 06–330	Va.
26. lauta Csy. 94-327	N.Y		-
		70. robustula Csy. 94–343	la.
picta Wasm. 94–206	Mass.	71. rigida Csy. 06–331	Miss. Tex.
27. lugubris Csy. 94–328	Colo.		
		72. discreta Csy. 06–331	Idaho.
— angularis Mäkl. 53–181	Alas.	73. varicolor Csy. 06–332	Va.
		74. parvicollis Csy. 94-344	Del.
Apalonia Csy. 06–323		74. parvicoms Csy. 94-344	Del.
5028. seticornis Csy. 06–324	Fla.		
		Astilbus Steph. 27–106	
29. divisa Csy. 11–75	Kan.		
		(Drusilla Lac. 35-554)	
		5075. cavicollis Csy. 06–322	Alas.
Chlaratura Car. 06 204			
Chlorotusa Csy. 06-324			
	Tex.	Weiter and W	
Chlorotusa Csy. 06–324 5030. megalops Csy. 06–325	Tex.	Ecitopora Wasm. 87–408	
5030. megalops Csy. 06–325	Tex.	Ecitopora Wasm. 87–408 *5076. nitidiventris Brues 04–250	
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319		*5076. nitidiventris Brues 04–250	Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319		*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284	Tex. Tex.
5030. megalops Csy. 06–325	Tex. Fla.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284	Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320		*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284	Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318	Fla.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368	Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318	Fla.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35	Tex. Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319	Fla. Tex. Ariz.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368	Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318	Fla.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35	Tex. Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74	Fla. Tex. Ariz.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401	Tex. Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319	Fla. Tex. Ariz.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344	Tex. Tex. Tex.
 5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 	Fla. Tex. Ariz. Ariz.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344	Tex. Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74	Fla. Tex. Ariz.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401	Tex. Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284	Fla. Tex. Ariz. Ariz.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330	Tex. Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284	Fla. Tex. Ariz. Ariz.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344	Tex. Tex. Tex.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281	Fla. Tex. Ariz. Ariz. Tex.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342	Tex. Tex. Tex. La. Eur.&N.Am.?
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282	Fla. Tex. Ariz. Ariz. Tex.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330	Tex. Tex. Tex. La. Eur.&N.Am.?
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281	Fla. Tex. Ariz. Ariz. Tex.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342	Tex. Tex. Tex. La. Eur.&N.Am.?
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282	Fla. Tex. Ariz. Ariz. Tex.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401 Schistoglossa Kr. 58–344 5080. viduata Er. 39–330 Tomoglossa Kr. 58–342 5081. luteicornis Er. 39–332	Tex. Tex. Tex. La. Eur.&N.Am.?
 5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 	Fla. Tex. Ariz. Ariz. Tex.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342 5081. luteicornis Er. 39-332 Termitogaster Csy. 88-384	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401 Schistoglossa Kr. 58–344 5080. viduata Er. 39–330 Tomoglossa Kr. 58–342 5081. luteicornis Er. 39–332	Tex. Tex. Tex. La. Eur.&N.Am.?
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4	Fla. Tex. Ariz. Ariz. Tex.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342 5081. luteicornis Er. 39-332 Termitogaster Csy. 88-384	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.Am. Ind.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342 5081. luteicornis Er. 39-332 Termitogaster Csy. 88-384 *5082. texanus Brues 02-186	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am.
5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.Am. Ind. La. Fla.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401 Schistoglossa Kr. 58–344 5080. viduata Er. 39–330 Tomoglossa Kr. 58–342 5081. luteicornis Er. 39–332 Termitogaster Csy. 88–384 *5082. texanus Brues 02–186 Tinotus Sharp 85–170	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex.
 5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.Am. Ind.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342 5081. luteicornis Er. 39-332 Termitogaster Csy. 88-384 *5082. texanus Brues 02-186	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am.
 5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.C. N.Am. Ind. La. Fla. N.Y. Ga.Miss.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401 Schistoglossa Kr. 58–344 5080. viduata Er. 39–330 Tomoglossa Kr. 58–342 5081. luteicornis Er. 39–332 Termitogaster Csy. 88–384 *5082. texanus Brues 02–186 Tinotus Sharp 85–170 5083. caviceps Csy. 94–316	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex. So.Cat. Nev.
 5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 40. texana Csy. 10–174 	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.C. N.Am. Ind. La. Fla. N.Y. Ga.Miss. Tex. [Tex.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342 5081. luteicornis Er. 39-332 Termitogaster Csy. 88-384 *5082. texanus Brues 02-186 Tinotus Sharp 85-170 5083. caviceps Csy. 94-316 84. paratus Csy. 11-64	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex. So.Cal. Nev. Mont. [Ind.
 5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 40. texana Csy. 10–174 41. arizonica Csy. 10–175 	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.C. N.Am. Ind. La. Fla. N.Y. Ga.Miss. Tex. Ariz.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401 Schistoglossa Kr. 58–344 5080. viduata Er. 39–330 Tomoglossa Kr. 58–342 5081. luteicornis Er. 39–332 Termitogaster Csy. 88–384 *5082. texanus Brues 02–186 Tinotus Sharp 85–170 5083. caviceps Csy. 94–316 84. paratus Csy. 11–64 85. pallidus Csy. 11–65	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex. So.Cat. Nev. Mont. [Ind. Ia.
 5030. megalops Csy. 06–325 Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 40. texana Csy. 10–174 	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.C. N.Am. Ind. La. Fla. N.Y. Ga.Miss. Tex. [Tex.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401 Schistoglossa Kr. 58–344 5080. viduata Er. 39–330 Tomoglossa Kr. 58–342 5081. luteicornis Er. 39–332 Termitogaster Csy. 88–384 *5082. texanus Brues 02–186 Tinotus Sharp 85–170 5083. caviceps Csy. 94–316 84. paratus Csy. 11–64 85. pallidus Csy. 11–65	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex. So.Cat. Nev. Mont. [Ind. Ia.
Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 40. texana Csy. 10–174 41. arizonica Csy. 10–175 42. carinata Csy. 10–175	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.C. N.Am. Ind. La. Fla. N.Y. Ga.Miss. Tex. Ariz. Ohio.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401 Schistoglossa Kr. 58–344 5080. viduata Er. 39–330 Tomoglossa Kr. 58–342 5081. luteicornis Er. 39–332 Termitogaster Csy. 88–384 *5082. texanus Brues 02–186 Tinotus Sharp 85–170 5083. caviceps Csy. 94–316 84. paratus Csy. 11–64 85. pallidus Csy. 11–65 86. brunneus Csy. 11–65	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex. So.Cal. Nev. Mont. [Ind. Ia. Pa.
Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 40. texana Csy. 10–174 41. arizonica Csy. 10–175 42. carinata Csy. 10–175 43. læviventris Csy. 10–176	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.C. N.Y.Ga.Miss. Tex. Ariz. Ohio. Pa.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342 5081. luteicornis Er. 39-332 Termitogaster Csy. 88-384 *5082. texanus Brues 02-186 Tinotus Sharp 85-170 5083. caviceps Csy. 94-316 84. paratus Csy. 11-64 85. pallidus Csy. 11-65 86. brunneus Csy. 11-65 87. binarius Csy. 11-66	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex. So.Cal. Nev. Mont. [Ind. Ia. Pa. Ariz.
Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 40. texana Csy. 10–174 41. arizonica Csy. 10–175 42. carinata Csy. 10–175 43. læviventris Csy. 10–176 acudentata Dury 10–65	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.Am. Ind. La. Fla. N.Y. Ga. Miss. Tex. Ariz. Ohio. Pa. Ohio.	*5076. nitidiventris Brues 04–250 77. tenella Wasm. 00–284 78. laticollis Brues 02–368 Thamiaraea Thoms. 58–35 5079. americana Bnhr. 07–401 Schistoglossa Kr. 58–344 5080. viduata Er. 39–330 Tomoglossa Kr. 58–342 5081. luteicornis Er. 39–332 Termitogaster Csy. 88–384 *5082. texanus Brues 02–186 Tinotus Sharp 85–170 5083. caviceps Csy. 94–316 84. paratus Csy. 11–64 85. pallidus Csy. 11–65 86. brunneus Csy. 11–65	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex. So.Cal. Nev. Mont. [Ind. Ia. Pa.
Dinocoryna Csy. 94–319 5031. bisinuata Csy. 94–320 Microdonia Csy. 94–318 5032. occipitalis Csy. 94–319 33. retrusa Csy. 11–74 Ecitonidia Wasm.00–283 5034. wheeleri Wasm. 00–284 Ecitonusa Wasm.97–281 5035. schmitti Wasm. 97–282 36. foreli Wasm. 99–410 Hoplandria Kr. 57–4 5037. lateralis (Melsh.) 44–32 38. pulchra Kr. 57–6 39. ochracea Kr. 57–6 40. texana Csy. 10–174 41. arizonica Csy. 10–175 42. carinata Csy. 10–175 43. læviventris Csy. 10–176	Fla. Tex. Ariz. Ariz. Tex. N.C. N.C. N.C. N.Y.Ga.Miss. Tex. Ariz. Ohio. Pa.	*5076. nitidiventris Brues 04-250 77. tenella Wasm. 00-284 78. laticollis Brues 02-368 Thamiaraea Thoms. 58-35 5079. americana Bnhr. 07-401 Schistoglossa Kr. 58-344 5080. viduata Er. 39-330 Tomoglossa Kr. 58-342 5081. luteicornis Er. 39-332 Termitogaster Csy. 88-384 *5082. texanus Brues 02-186 Tinotus Sharp 85-170 5083. caviceps Csy. 94-316 84. paratus Csy. 11-64 85. pallidus Csy. 11-65 86. brunneus Csy. 11-65 87. binarius Csy. 11-66	Tex. Tex. Tex. La. Eur.&N.Am.? Eur.&N.Am. Ut. Tex. So.Cal. Nev. Mont. [Ind. Ia. Pa. Ariz.

^{*} Termitophilous.

Min atom Chaus		A 4.1 4 - /TVI	
Tinotus Sharp	NT V	Atheta Thoms.	37.37
5089. imbricatus Csy. 94–317	N.Y.	5139. iterans Csy. 10–20	N.Y.
90. texanus Csy. 11–67 91. cœlebs Csy. 11–68	Tex. Tex.	40. enitescens Csy. 10–20	N.Y.
92. fusinus Csy. 11–68	Tenn.	41. sibylla Csy. 10–21 42. weedi Csy. 10–21	Va.
93. pectinellus Csy. 11–69	Ariz.	43. arizonica Csy. 10–21	Miss. Ariz.
94. parvicornis Csy. 11–69	Tex.	44. umbonalis Csy. 10–22	Ohio.
95. densiventris Csy. 11–70	Tex.	45. nevadensis Csy. 10–23	Nev.
co. delibrenens obj. 11 vo	10	46. rhodeana Csy. 10–24	R.I.
*Philotermes Kr. 57–13		47. capella Csy. 10–24	R.I.
*5096. fuchsi Kr. 57–15	Tenn.Fla.Ind.	48. kansana Csy. 11–92	Kan.
*97. pennsylvanicus Kr. 57–15	Pa.Mass.D.C.	49. rusticula Csy. 11–93	N.Y.
ove points, it amount in the	Fla.	50. limulina Csy. 11–93	R.I.
*98. pilosus Kr. 57–14	Mass. Pa.D.C.	51. catula Csy. 11–94	N.Y.
•	Tenn.Ind.Fla.	52. hilaris Fenyes 09-420	N.Mex.
Atheta Thoms. 60–61		53. candidula Čsy. 11–94	N.Y.
(Homalota ‡ auct.)		54. diffisa Csy. 11–95	N.Y.
(Atheta Thoms. s. str.)		55. nata Csy. 11-95	R.I.
5099. divisa Märk. 45–213	Eur. Me. Pa.	56. modiella Csy. 11–96	R.I.
	Cal. Mass.	57. villica Csy. 11–97	Pa.
5100. bidenticulata Bnhr. 07-399	So.Cal.	58. amens Csy. 11–97	Pa.
01. planaris Mäkl. 52–309	Alas. B.C.	59. vacillans Csy. 11–98	R.I.
	Mass. Cal.	60. comitata Csy. 10–24	R.I.
02. coriaria Kr. 56–282	Eur. Mass.	61. gnoma Csy. 10–25	N.Y.
03. crenulata Bnhr. 07–391	Wash. [Cal.	62. elota Csy. 10–26	N.Y.
04. ventricosa Bnhr. 07–391	N.J.N.Y.N.C.	63. insidiosa Csy. 10–26	N.Y.
05. sodalis Er. 39–328	Cal. Eur.	64. ducèns Csy. 10–25	N.Y.
	Alas. Wash.	65. tradita Csy. 11–101	N.Y.
	Mass.	66. reformata Csy. 11–102	Wis.
06. nigritula Grav. 02-85	Eur.& W.Va.	67. fenisex Csy. 11–102	R.I.
9	Pa. L.I. Cal.	68. vierecki Čsy. 11–103	Conn.
07. tubericauda Bnhr. 09-520	Mass. [Can.	69. auguralis Csy. 11–104	N.Y.
08. occidentalis Bnhr. 06–338	Cal.	70. bifaria Csy. 11–104	D.C.
09. euryptera Steph. 27–135	Eur.& Pa. Cal.	71. dama Csy. 10–27	N.Y.
•	Can.	72. temperans Csy. 10–27	D.C.
10. sublucens Bnhr. 09-522	Cal. Nev. Id.	73. tractabilis Csy. 10-27	N.Y.
11. fulgens Bnhr. 07-392	W.Va.	74. ordinata Csy. 10–28	N.Y.
12. virginica Bnhr. 07–393	Me.W.Va.Ind.	75. civica Csy. 10–29	Cal.
?crassicornis Fab. 92–529	•	?truncativentris Bnhr.07-4	
13. vasta Mäkl. 53–183	Alas.		So.Cal.
14. brumalis Csy. 10–32	B.C.	76. nexa Csy. 10–29	Pa.
15. carlottæ Csy. 10–32	Alas.	77. propitia Csy. 11–99	N.C.
16. wrangelica Csy. 11–91	Alas.	78. palpator Csy. 11–99	Ohio.
17. sumpta Csy. 11–92	B.C.	79. burra Csy. 11–100	Wis.
18. crenuliventris Bnhr. 07–393	Mc.	80. nacta Csy. 11–101	Mo.
19. oregonensis Bnhr. 09–523	Or.	81. strigulosa Csy. 10–30	N.Y.
castanoptera Mann. 30–77	Eur.&N.Am.?	82. remulsa Csy. 10–30	B.C.
20. frosti Bnhr. 09–520	Pa.N.H.Mass.	83. dunni Csy. 10–31	So.Cal.
•	W.Va. L.I.	84. claricella Csy. 10–31	So.Cal.
21. basicornis Rey 51–42	Cal.	85. blandita Csy. 10–32	Cal.
22. obsoleticollis Bnhr. 09–522	Colo. Mass.	86. aperta Csy. 10–33	Cal.
23. unigranosa Bnhr. 09–521	Del. N.J. Ind.	87. discipula Csy. 10–33	N.Y.
24. metlakatlana Bnhr. 09–522	B.C.	88. marinica Csy. 10–34	Cal.
?districta Csy. 11–113	B.C.	89. reposita Csy. 10–35	Ut.
25. relicta Csy. 11–112	B.C.	90. ostenta Csy. 10–35	Ariz.
26. alaskana Csy. 11–113	Alas.	91. querula Csy. 10–36	Cal.
27. rurigena Csy. 11–114	B.C.	92. promota Csy. 10–36	Miss.
28. mordax Csy. 11–115	B.C.	93. prolata Csy. 10–37	Cal.
29. subretracta Csy. 11–115	Idaho.	94. novicia Csy. 11–105	Cal.
30. concussa Csy. 11–116	Wash.	95. fugitans Csy. 11–106	Cal.
31. esmeraldæ Csy. 11–116	Nev.	96. morbosa Csy. 11–107	Cal.
32. klagesi Bnhr. 09–524	Pa. Me.	97. audens Csy. 11–107	Cal.
33. occidentalis Bnhr. 06–338	So.Cal.	98. lepidula Csy. 11–108	Cal.
34. orientis Bnhr. 09–525	Ga.	99. socors Csy. 11–108	So.Cal.
	Fla.	5200. repexa Csy. 11–109	Cal.
36. barberæ Csy. 10–18	Cal.	01. stoica Csy. 11–110	Cal.
37. pocahontas Csy. 10–19	Va.	02. intacta Csy. 11–110	Cal.
38. vaticina Csy. 10–19	L.I.	03. importuna Csy. 11–111	Cal.

^{*} Termitophilous.

	. 170			4. (D)	
	eta Thoms.	B.C.		ta Thoms. terminalis Csy. 06–340	B.C.
	l. mollicula Csy. 10–37 5. neutralis Csy. 10–38	Cal.		torpens Csy. 10–13	Cal.
	5. fanatica Csy. 10–38	Alas.		shastana Csy. 10–13	Cal.
	· luscitiosa Csy. 10–39	Cal.		·	
	3. innocens Csy. 10–39	Or.	57	(Athetota Csy. 06–336) insignis (Csy.) 85–310	Cal.
	. nupera Csy. 10–40	L.I.		wickhami (Csy.) 94–331	B.C.
	reticula Csy. 10–40	Va.		atriventris Csy. 06–336	Vanc.
	. citata Csy. 10–41	N.Y.			
	. nympha Csy. 10–42	N.Y. N.Y.	60	(Athetalia Csy. 10–14)	Cal.
	discreta Csy. 10–42 disjuncta Csy. 10–43	Pa. N.C.		bicariniceps Csy. 10–14 repensa Csy. 10–14	Cal.
	annexa Csy. 10–43	N.C.		nimia Csy. 10–15	B.C.
	freta Csy. 10–44	N.Dak.	0	· .	
	· evecta Čsy. 10–44	Miss.	62	(Homalotusa Csy. 06–340)) Mont.
18	. replicans Csy. 10–44	Ia.		helenica Csy. 06–340 tahoensis Csy. 06–341	Cal.
	spadix Csy. 10–45	N.Y.		fuscula Csy. 06–341	Id.
	bucolica Csy. 10–46	Miss.		pallida Csy. 06–342	Id.
	. franklini Csy. 11–89	Pa.	66.	oregonina Csy. 10–11	Or.
	. postulans Csy. 11–90 . apposita Csy. 11–90	B.C. B.C.	67.	manitobæ Csy. 11–81	Man.
	loquax Csy. 11–117	Cal.		lanei Csy. 10–10	Or.
	pallidicornis Thoms. 56–98	Eur.&N.Am.?		mormon Csy. 10–11	Ut.
	aquatica Thoms. 52–133	Sweden &		coloradensis Csy. 11–81	Colo.
	•	N.Am.? Alas.		lacustrina Csy. 10–11	Wis.
27	. oraria Kr. 56–209	Eur.& N.Am.?	14.	wisconsinica Csy. 10–12	VV 15.
		Cal.		(Megista Rey 73–591)	
28	pertyi Heer 38–329	Helvctia,		nomadica Csy. 10–15	Alas.
	/GL // C 10 4)	N.Am.?	74.	graminicola Grav. 06-176	Eur.& N.Am.?
20	(Stethusa Csy. 10–4) . klimschi Bnhr. 09–523			(Flatman Car 06 334)	Alas.Cal.Nfld.
	. irvingi Csy. 10–5	N.C. N.Y.	75	(Elytrusa Csy. 06–334) granulata Mann. 46–508	Alas.
30	. II viligi Osy. 10 5	N.J. L.I.Conn.	10.		TITOS.
a	. affluens Csy. 10–5	R.I. L.I.	70	(Lamiota Csy. 10–17)	D C
	clarescans Csy. 11–77	N.Y.		keeni Csy. 10–17	B.C. B.C.
	. videns Csy. 11–78	R.I.		achromata Csy. 11–82 profecta Csy. 11–83	B.C.
	. cynica Csy. 11–78	R.I.		concessa Csy. 11–83	B.C.
	cernens Csy. 11–79	Miss.	• • • •		2.0.
	galvestonica Csy. 10–6	Tex.	20	(Delphota Csy. 10–17)	T _a
	. texana Csy. 10–6 . canonica Csy. 10–6	Tex. R.I.		ccphalina Csy. 10–18 lymphatica Csy. 11–84	Ia. Ia.
	sagax Csy. 10-7	Va.		regenerans Csy. 11–85	Ia.
	sororella Csy. 10–7	N.Y.		perspicua Csy. 11–85	N.J.
	officiosa Csy. 11–79	N.Y.		logica Csy. 11–86	Pa.
	. tuta Csy. 11–80	N.Y.		delumbis Csy. 11–87	N.J.
	subdebilis Csy. 10–7	Mo.		callens Csy. 11–87	D.C.
	. spuriella Csy. 10–8	N.Y.	87.	oscitans Csy. 11–88	Cal.
40	. mendosa Csy. 10–8	Va.		(Ceritaxa Rey 73–381)	
	(Liogluta Thoms. 60–54)		88.	militaris Bnhr. 09-519	Cal.
41	. æmula Er. 40–102	Ind.Pa.Cal.		(Microdota Rey 73–295)	
40	1 TZ* WO 010	N.H.	89.	picipennis Mann. 43–324	Alas. Cal.
	hypnorum Kies. 50–219	Eur.&Cal.		prosperime radiant to our	N.H.
	caviceps Blatch. 10–354	Ind. [N.H.	90.	alamedana Csy. 10–59	Cal.
	. sulcata Blatch. 10–355 . abdominalis Bnhr. 07–394	Ind. Cal.	91.	saturata Csy. 10–59	Cal.
	granigera Kics. 50–218	Eur.&N.Am.?		ficta Csy. 10–59	Cal.
	insolens Csy. 10–16	Alas.		properans Csy. 10–60	Cal.
		•		repens Csy. 10–60	Cal.
18	(Macroterma Csy. 06–335) . alutacea Csy. 06–335	N.Y.		perversa Csy. 10–61 impressipennisBnhr.09–518	Cal.
	. borealis Csy. 06–336	N.H.		?amicula Steph. 27–132	Eur. & Wash.
	dentata Bnhr. $06-342$ ($Earc$			pseudoatomaria Bnhr. 09-5	
		Čal.Kan.Pa.			Me.
		Mass.O.N.H.		?atomaria Kr. 56-254	Eur.&N.Am.?
51	. iowensis Csy. 10–10	Ia. [Ind.		pratensis Mäkl. 52–308	Alas. Wash.
	(Euromota Csy. 06–338)		5300.	festinans Er. 40–112	Ind.Mass.Pa.
52	. lucida Csy. 06–338	Va.N.J.	01	-1-1:11: D-1 07 000	Me.Ont.Mich.
				globicollis Bnhr. 07–388	Ont.
52	(Anapsiota Csy. 94–329) quadricollis Csy. 94–346	Vanc.		polita Melsh. 44–31 luctifera Bnhr. 06–341	Pa. Ind. So.Cal. Wash.
90	· quadricoms Osy. 31 310	· anc.	00.	racticia Dinii. 00 041	Co.Cai. Hasii.

Ather	ta Thoms.		Traumœcia Rey	
5304.	fulgida Bnhr. 07–399	So.Cal.	(Rovalida Csy. 10–69)	
	impressicollis Bnhr. 07–389		5350. cribraticeps Csy. 10–69	R.I.
06.	holmbergi Bnhr. 07–389	Alas.	51. piceicornis Csy. 10–70	N.J.
	(<i>Hilara</i> Rey 73–298)		monroci Csy. 10–71	Va.
07.	pennsylvanica Bnhr.07–388	8 N.Y. R.I. Pa.	52. submarina Csy. 10–70	N.J.
	1	Va. Ind.	(Panolota Csy. 10–71)	
	?palleola Er. 39–333	Eur.& N.Am.?	53. setositarsis Csy. 10–71	Cal.
08.	unigena Csy. 10-62	N.Y.	*9	
	validiceps Csy. 10-62	R.I.	•	N.Y.
	nugator Csy. 10-63	R.I.	54. ithacana Csy. 10–46	_
	libens Csy. 10–63	R.I.	55. orbiceps Csy. 10–47	Ia. Wis.
	sejuncta Csy. 10-64	R.I.	56. subdola Csy. 10–47	N.Y.
12.	fontis Csy. 11–122	Pa.	57. asperiola Csy. 10–47	14.1.
	punctata Blatch. 10–355	Ind.	(Donesia Csy. 10-48)	
	(Dhilhuana Doy 72, 202)		58. temporalis Csy. 10–48	R.I.
1.4-	(Philhygra Rey 73–308)	Tex.S.C.Mo.	59. restricta Csy. 11–120	Va.
1.7.	palustris Kies. 44–318	Can. N.Y.Ill.	(Micrearota Csy. 10–49)	
		Eur.& N.H.	60. loricula Csy. 10–49	Ia.
			61. reperta Csy. 10–50	Ĭa.
15	nitona Mald 59 207	Ind. Alas. Wash.	62. definita Csy. 10–50	Tex.
	nitens Mäkl. 52–307	N.J. N.Y.	63. versuta Csy. 10–50	R.I.
	repanda Csy. 10–65	Pa.	64. gregaria Csy. 10–51	Ia.
	astuta Csy. 10–65	N.Y.	65. pristina Csy. 10–51	R.I.
10.	frugalis Csy. 10–66	N.Y.	66. fecunda Csy. 10–52	N.Y.
~ ~	leviceps Csy. 10–66	Tex.	67. sana Csy. 10–52	Pa.
20.	houstoni Csy. 10–67	rex.	68. tineta Csy. 10–53	N.Y.
,	(Pseudomegista Bnhr. 07–39		oo. tineta osy. 10 oo	1111
21.	nigropolita Bnhr. 07–390	N.H.	(Micratheta Csy. 10-53)	
	(Athetæ of uncertain position	n)	69. caudex Csy. 10–53	Va.
22.	comparabilis Mäkl. 53–181		(Dhamanata Care 10 54)	
	exigua Say 36–156	Ind.	(Phasmota Csy. 10–54)	Mica
	falsifica Say 36–155	N.Am.	70. ingratula Csy. 10–54	Miss.
	indentata Say 34–469	Pa.	(Crephalia Csy. 10-54)	
	littoralis Mäkl. 53–182	Alas.	71. recessa Csy. 10–55	N.Y.
	minima Say 36-156	N.Am.	72. prolongata Csy. 10–55	Mo.
	pallitarsis Kby. 37–90	Can.	73. testata Csy. 10–56	Pa.
	pedicularis Melsh. 44–31	N.Am.		
	quadripunctata Say 34–470		(Nemota Csy. 10–56)	G 1
	semicarinata Say 34–470	Mo.	74. paganella Csy. 10–56	Cal.
	silacea Er. 40–120	N.Am.	75. filiola Csy. 10–57	So.Cal.
	vestigialis Er. 40–112	Pa.	76. timida Csy. 10–57	Cal.
	islandica Kr. 57–284	Greenland	77. perpera Csy. 10–58	Cal.
			78. perspecta Csy. 10–58	Cal.
Dava	Fauv. 77–147		79. meticulosa Csy. 11–121	Cal.
		ex.	80. informalis Csy. 11–121	Cal.
,000.	g-gameata (Beet) 11 200 X	O11 •	81. marcescens Csy. 11–122	Colo.
Tra.117	nœcia Rey 73–63		Mambiata Care 04 222	
	(Pelioptera Kr. 57–55)		Tarphiota Csy. 94–332	Alas. So.Cal.
	militaris Csy. 11–118	Alas.	5382. fucicola Mäkl. 52–306	Vanc. B.C.
	tenuicula Csy. 11–118	Man.	debilicollis Csy. 10–75 83. geniculata Mäkl. 52–308	Cal. Alas.
	obsequens Csy. 11–119 .	N.Y.		Cal.
	algophila Fenyes 09–419	So.Cal.	litorina Csy. 10–75	Cal.
			hirsitula Csy. 10–75	Cal.
	(Halobrechtha Thoms. 60–49		iota Csy. 10–76	Alas. B.C.
	(Halobrecthina Bnhr. 09–519		insolita Csy. 10–76	Alas. B.C.
40.	opaciceps Bnhr. 09–519	Mass.	seditiosa Csy. 10–76	So.Cal.
	(Anopleta Rey 75–20)		pallidipes Csy. 94–333	bo.Car.
	arcana Er. 40–93	Eur.& Wash.	Dinaræa Thoms. 60-289	
				N.H.
	(Adota Csy. 10–67)	A1	5384. subdepressa Bnhr. 07–386	Alas.
		Alas.	85. nomensis Csy. 10–06	?N.Y. Eur.
	A	B.C.	— angustula Gyll. 101–393	.11.1.13011
	gnypetoides Csy. 10–68	So.Cal.	Meetica Roy 75-70	
	·		Meotica Rey 75–70	Eur.& Me.
		and the second s	5386. exilis Er. 39–333	Lui. Chie.
		Cal.	Metaxya Rey 75-147	
			5387. centropunctata Bnhr. 09-51	15
			5567. Centropunctata Diini. 05-51	Cal.
10. I	rrita Csy. 11–126	Nev.	•	·

Metaxya Rey		Hydrosmecta Thoms.	
5388. fusca Sahlb. 17-371	Eur.& Colo.	5440. salinasica Csy. 11–139	Cal.
89. angusticauda Bnhr. 09-516		(Noverota Csy. 10-90)	
90. elongatula (Grav.) 02–79	Alas. Colo. & Eur.	41. ornatella Csy. 10-90	N.J.
91. approximata Bnhr. 09-516	Mass.	42. decora Csy. 10–91 43. improvisa Csy. 10–91	Miss. Tex.
92. proterminalis Bnhr. 07–383		44. personata Csy. 10–92	Va.
93. melanocera Thoms. 56–94	Eur.&Alas. Wash.Cal.	45. clemens Csy. 10–92	Wis.
	Mass.	46. finitima Csy. 10–93	R.I. N.Y.
94. satanas Bnrh. 07–383	Alb. Cal.	47. scenica Csy. 10–93	N.I.
95. aubei Bris. 60–339	Eur. & Alas. Mass.	(Omegalia Csy. 10–94)	Cal.
96. gemina Er. 39–330	Eur. & Wash.	48. abjecta Csy. 10–94 49. vieta Csy. 10–94	Cal.
97. polaris Bnhr. 00–536	Alas.Wis.	(Iotota Csy. 10–95)	
00 1 ' 11' Mul 1 50 000	Norway.	50. tepida Csy. 10–95	Cal.
98. lævicollis Mäkl. 52–306 99. angusticornis Bnhr. 07–384	Alas. Wash.	51. unica Csy. 10–95	Cal
5400. californica Bnhr. 07–385	Cal.	(Hydrosmectina Ganglb. 95-	-145)
01. dichroa (Grav.) 02–186	Ind.Mo.W.Va.	52. subtilior Bnhr. 07–396	So.Cal.
02 manitima Mann 42 224	Pa. Cal. Alas.Cal.B.C.	Alegeneta Thoma 60 7	
02. maritima Mann. 43–224 03. bellula Csy. 10–77	R.I.	Aloconota Thoms. 60–7 5453. sulcifrons Steph. 27–121	Eur.& N.Am.?
04. discrepans Csy. 10–77	Ia.	54. cambrica Woll. 55–205	Cal. [N.Y.
05. invenusta Csy. 10–78	Ut.	55. insecta Thoms. 56–93	Mass. W.Va.
06. elusa Csy. 10–78 07. bracata Csy. 10–79	Ia. Nev.	56. admista Csy. 10–84 57. incertula Csy. 10–84	Ia. Va.
08. deceptor Csy. 10–79	N.Mex.	(· a.
09. discreta Csy. 10–79	Nev.	(<i>Terasota</i> Csy. 06–337) 58. perdita Csy. 10–85	Cal.
10. adjuncta Csy. 10–80	Cal.	59. brunneipes Csy. 06–337	N.Y.
11. fatua Csy. 10–80 12. famula Csy. 10–81	Cal.	60. intecta Čsy. 10–86	N.C.
13. impotens Csy. 10–81	R.I.	(Taphrodota Csy. 06–338)	
a. albanica Csy. 11–131	N.Y.	61. ventralis Csy. 06–339	N.Y.
14. delectans Csy. 10–82 15. plutonica Csy. 10–82	Or. N.H.	Dilacra Thoms. 60–31	
16. suffusca Csy. 10–83	Cal.	(Paradilacra Bnhr. 09–417)	
17. subpolaris Fenyes 09–423	Ariz.	5462. ambigua Er. 40–134	Mass. Cal.
18. awemeana Csy. 11–132	Man.	63. densissima Bnhr. 09–517	Cal. N.Dak.
19. prognata Csy. 11–133 20. badeola Csy. 11–133	B.C. Cal.	64. persola Csy. 10–72 65. willametta Csy. 10–73	Or.
a. mateana Csy. 11–134	Cal.	66. uintana Csy. 10–73	Ut. Nev.
21. erudita Csy. 11–135	Man.	67. glenorica Csy. 10–74	B.C.
22. surrufa Csy. 11–135 23. varula Csy. 11–136	Man. Man.	68. symbolica Csy. 11–127 69. erebea Csy. 11–128	Cal.
24. criddlei Csy. 11–137	Man.	a. subægua Čsy. 11–128	Cal.
(Parameotica Ganglb. 95-22	28)	b. vulgatula Csy. 11–130	Cal.
25. complana Mann. 30–79	Eur.&Pa.Wis.	70. sinistra Csy. 11–129 71. memnonia Csy. 11–130	Cal.
26. delicata Bnhr. 06–340	So.Cal. [Mass.	71. Helmonia Csy. 11–130 72. deserticola Csy. 11–131	Nev.
27. americana Bnhr. 07–386 sexualis Bnhr. 06–339	So.Cal.		
	50.041.	Amischa Thoms. 60–292	Fun & Cal Ont
(<i>Dralica</i> Rey 75–212) 28. pseudovilis Bnhr. 07–386	Cal.	5473. analis (Grav.) 02–76	Eur.&Cal.Ont. Pa.N.Eng.Ind.
· (Oreostiba Ganglb. 95–146		74. cavifrons Shp. 69–177	Eur.&N.Am.?
29. sibirica (Mäkl. 80?) Sahlb. 8	80-93	, C 04 470	Ind. N.C. Mo.
	N.H. Sib.	75. propera Say 34–470 76. flavicornis Bnhr. 09–527	Cal. Pa.
(Hygracia Rey 75–279)		77. continentalis Bnhr. 09–528	Ia.Pa.
30. fallaciosa Sharp 69–157	Cal. Wash.	78. normalis Csy. 10–97	N.Y.
Hydrosmecta Thoms. 60-13		79. curtipennis Shp. 69–173	N.H. Mass.&
5431. dulcis Csy. 10–87	Wis.	80. filaria (Fauv.) 72–745	Eur. &N.Am.?
32. caduca Csy. 10–87	N.Y. Cal.	81. parviceps (Csy.) 94–338	Wash.
33. odiosica Csy. 11–138 34. callidula Csy. 10–87	Cal.	82. angusta (Csy.) 94–339	Nev.
35. benigna Csy. 10–88	Cal.	83. devincta Csy. 10–98 84. colonia Csy. 10–98	Cal.
36. fastidiosa Csy. 11–139	Cal.		Jan.
37. jugalis Csy. 10–89 38. subparilis Csy. 10–89	Cal.	(Colposura Csy. 94–336) 85. prælonga Csy. 94–337	Wy.
39. rarula Csy. 10–90	N.Y.	86. tersa Csy. 10-99	Colo.

Amischa Thoms.		Synaptina Csy. 10-131	•
(Amidobia Thoms. 60–295) 5487. talpa Heer 38–594	Mass. Eur.&	5530. merica Csy. 10–131 31. consonens Csy. 10–132	la. R.I. N.Y. Ia.
(Valenusa Csy. 06–342)	N.Am.?	32. quæsita Csy. 10–132 33. disparilis Csy. 10–133	la. Cal.
88. parallela Csy. 06–342	So.Cal.	Badura Rey 73–279	T) 0 NT 4
Sipalia Thoms. 60–105 5489. fontana Csy. 11–157	Pa.	5534. parvula Mann. 30–84	Eur. & N. Am.
(Ousipalia Gozis 86–13)	0 Co (Ca)	Clusiota Csy. 10–119 5535. claviventris Csy. 10–119	B.C.
90. sparsepunctataBnhr.07–39 91. parvipennis Bnhr.07–398	Alb.	Dimetrate Pay 79 401	
92. lineatula Csy. 10-167	Ia.	Dimetrota Rcy 73–401 5536. setigera Sharp 69–251	N.H.&Eur.
(Sibiota Csy. 06–350)		37. hampshirensis Bnhr. 09-525	N.H.
93. fossata Csy. 10–167 94. impressula Csy. 06–350	Or. Or.	38. picipennis Mann. 43–324 39. subrugosa Kies. 48–318	AlasSo.Cal. B.C.&Eur.
95. hesperica Csy. 10–169	Čal.	40. moesta Mäkl. 52–307	Alas. Cal.
96. pacifica Csy. 10–169	CalVanc.	41. columbica Bnhr. 07–394	B.C.
97. turpicula Csy. 10–170	Colo.	42. fenyesi Bnhr. 07–395 43. marcida Er. 39–328	So.Cal. Pa. & Eur.
(Sonomota Csy. 11–158)	C-1	44. cursor Mäkl. 52–307	Alas.So.Cal.
98. lippa Csy. 11–158	Cal.	45. recondita Er. 40–123	N.Eng. Pa.Cal. Ariz.
(Sipaliella Csy. 11–159)	DI		N.H.
99. filaria Csy. 11–159	R.I.	46. macrocera Thoms. 56–106	Pa.&Eur. Ind.
(Asthanesita Csy. 94–365)	T.)	47. resima Csy. 10–100 48. immerita Csy. 10–141	Cal.
5500. pallens Csy. 94–366	Fla.	49. incredula Csy. 10–141	Cal.
(Gaenima Csy. 11–160)	Col	50. opinata Csy. 10–142 51. cerebrosa Csy. 10–142	Cal.
01. impedita Csy. 11–161	Cal.	52. nuptalis Csy. 10–100	R.I.
Datomicra Rey 73–355	T3 0 XXX I	53. omissa Csy. 10–101	Alas.
5502. canescens Sharp 69–239	Eur.&Wash. N.C.	54. vicaria Csy. 10–101 55. vacunalis Csy. 10–102	Alas. Cal.
03. sordidula Er. 39–335	W.Va. & Eur.	56. retrusa Csy. 10–103	B.C.
04. celata Er. 39–335	Mass.W.Va.&	57. vigilans Csy. 10–103 58. revoluta Csy. 10–104	So.Cal. Id.
05. baringiana Bnhr. 07–396 06. zosteræ Thoms. 56–103	Wash. [Eur. Cal. & Eur.	59. resplendens Csy. 10–104	Alas.
07. decolorata Csy. 10–120	N.Y.	60. novella Csy. 10–105	L.I.
08. inopia Csy. 10–120 09. schematica Csy. 10–121	N.Y. Pa.	61. sentiens Csy. 10–105 62. lætula Fenyes 09–421	Kan.
10. pomonæ Csy. 10–121	So.Cal.	63. neomexicana Fenyes 09-422	
11. diffidens Csy. 10–122	N.Y.	64. nigrita Fenyes 09–423	Cal.
12. vacans Csy. 10–122 13. incumbens Csy. 10–123	Nev.	(Engamota Csy. 10–151)	0.01
14. stilla Csy. 10–123	R.I.	65. absona Csy. 10–152	So.Cal.
15. pellax Csy. 10–124 16. coruscula Csy. 10–124	R.I. Cal.	(Dimetrotina Csy. 11–143)	NT
17. hebescens Csy. 10–124	N.Y.	66. vaniuscula Csy. 11–144	Nev.
18. sectater Csy. 10–102 insolida Csy. 10–125	Cal.	(Dalotia Csy. 10–106) 67. pectorina Csy. 10–106	Cal.
19. surgens Csy. 10–125	B.C.	crucialis Csy. 10–107	Cal.
20. wrangeli Csy. 10–126	Alas.	•	
21. vaciva Csy. 10–126	Mass.	Sableta Csy. 10–107	M:
(Micromota Csy. 10–127)	NV	5568. infulata Csy. 10–107 (Canastota Csy. 10–108)	Miss.
22. filiformis Csy. 10–127	N.Y.	69. canadensis Csy. 10–108	Can.
(Hilarina Csy. 10–128)	R.I. N.Y.	70. flaveola Melsh. 44-30	Mass.Pa.Mo. W.Va. Ind.
23. particula Csy. 10–128 24. inanis Csy. 10–129	Pa.	71. nanella Csy. 06–276	Pa.
25. mina Csy. 11–153	Conn.	beatula (Csy.) 10–109	Pa.
26. atomica Csy. 11–153	N.Y.	72. ornator Csy. 10–110 73. longiclava Csy. 10–110	N.Y. R.I.
(Oligomia Csy. 10–129)	Cal	74. phrenetica Csy. 10–111	B.C.
27. scintilla Csy. 10–129 28. perpaula Csy. 10–130	Cal.	75. flaviventris Csy. 10–111	Tex.
		(Anatheta Csy. 10–112)	V
(<i>Monadia</i> Csy. 10–130) 29. lucana Csy. 10–130	L.Cal.	76. planulicollis Csy. 10–112 77. curata Csy. 10–112	Kan. Va.

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Sableta Csy.		Pancota Csy.	
(Taxicerella Csy. 10–113)		(Reania Csy. 10-146)	~ .
5578. remissa Csy. 10–113	Pa:	5624. fontinalis (Csy.) 10–146	Colo.
79. immunis Csy. 10–114	Cal.		
(Fusalia Csy. 11–145)		Acrotona Thoms.60–35	
	Conn	(Achromota Csy. 93-300)	
80. brittoni Csy. 11–145	Conn.	5625. pygmæa (Grav.) 02–86 ¹	Mass.&Eur.
Daniel Jaka (1 10 114		26. parva (Sahlb.) 17–380	Eur.& Pa.
Pseudota Csy. 10-114	n	•	Mass.Id.Mo.
5581. dissensa Csy. 10–115	Pa.		Cal.N.J.S.C.
82. miscella Csy. 10–115	N.J.		Nfld. Greenl.
83. sitiens Csy. 10–116	Ia.	27. fungi (Grav.) 06-157	Eur.&Mass.
84. præsaga Csy. 10–116	Cal.		Ont. Wash.
85. irrupta Csy. 10–117	B.C.		Alas.
86. nescia Csy. 10–117	Alas.	28. orbata (Er.) 39–339	Eur.&Ont.
87. pimalis Csy. 10–118	Ariz.	29. breviuscula (Mäkl.) 52–309	
88. puricula Csy. 11–148	N.Y.	30. clientula (Er.) 40–133	Eur.& N.Am?
89. fascinans Csy. 11–148	N.Y.	31. modesta (Melsh.) 44–31	W.Va. Me.
90. nugatoria Csy. 11–149	Pa.	01. 11.000000 (2.10.1011) 11.01	N.Y.
91. clienta Csy. 11–150	Miss.	32. pasadenæ Bnhr. 06–338	So.Cal. Pa.
92. vana Csy. 11–150	Alas.	33. ?fuscipes (Heer) 38–323	Pa. Eur.
93. cornicula Csy. 11–151	B.C.	34. subpygmæa Bnhr. 09–526	Mass. Ind.
94. nanulina Csy. 11–152	B.C.	35. bakeri Bnhr. 09–526	Pa.
95. formalis Csy. 11–152	B.C.		N.Y.
· ·		36. fusiformis (Csy.) 93–301	_
Nosora Csy. 11-145		37. lividula Csy. 10–147	Or.
5596. meticola Csy. 11-146	Ariz.	38. digesta Csy. 10–148	Cal.
		39. shastanica Csy. 10–148	Cal.
Rhodeota Csy. 11-147		40. severa Csy. 10–148	Cal.
5597. tartarea (Csy.) 10–168	R.I.	41. prudens Csy. 10–149	Alas.B.C.
33011 ttil ttil (3551) 13 133	20121	42. adjuvans Csy. 10–149	Can.
Arisota Csy. 10-133		43. renoica Csy. 10–150	Nev.
5598. tetricula Csy. 10–134	N.Y.	44. ardelio Csy. 10–150	Cal.
99. insueta Csy. 10–134	R.I.	45. malaca Csy. 10–151	Cal.
5600. pomonensis Csy. 10–135	So.Cal.	(Neada Csy. 10-152)	
01. speculifer Csy. 10–135	Cal.	46. lubricans Csy. 10–153	R.I.
	Ariz.	?fulgens Bnhr. 07–392	W.Va.
02. apacheella Csy. 10–135	So.Cal.Nev.		
03. umbrina Csy. 10–136	Ariz.	Eurypronota Csy. 94-334	
D . C . C . C . S . F	AHZ.	5647. discreta Csy. 94–335	Ia.
Pancota Csy. 06–345		48. scapula Csy. 94–335	R.I.
(Dolosota Csy. 10–136)	N T X 7		
5604. collaris Csy. 06–346 ¹	N.Y.	Colpodota Rey 73-175	
*		5649. avia Csy. 10–154	R.I.
05. redundans (Csy.) 10-137	N.Y.	50. puritana Csy. 10–154	Mass.
a. tergina (Csy.) 10–138	Pa.	51. insulsa Csy. 10–155	R.I.
06. sequax (Csy.) 10–138	Ia.	52. acuminata Csy. 10–155	R.I.
07. secunda (Csy.) 10–138	Ia.	53. acutella Csy. 10–156	N.Y.
08. flaceida (Csy.) 10–139	Miss.	a. simulata Csy. 10–156	Mo.
09. abundans (Čsy.) 10–139	Mo.	54. egregiella Csy. 10–156	N.Y.
10. cupiens (Csy.) 10-140	N.Y.	55. sobria Csy. 10–157	Miss.
11. lætabilis Csy. 11–154	N.Y.	56. turbans Csy. 10–157	Tex.
12. vafra (Csy.) 10–140	N.C.	57. austiniana Csy. 10–158	Tex.
13. comis (Csy.) 10–140	Ia.	58. defessa Csy. 10–158	R.I.
**		59. assecla Csy. 10–158	N.Y.
	M: 1. W: T. J	60. sequestralis Csy. 10–159	Ia.
14. ?luteola Er. 40–114	Mich.Wis.Ind.	61. trossula Csy. 10–159	Ariz.
15. lacertina (Csy.) 10–141	R.I.	62. zephyrina Čsy. 10–160	Cal.
16. restricta (Csy.) 10–142	Miss.	63. egens Csy. 10–160	Cal.
17. alumna (Csy.) 10–142	Ia. Mo.	64. fatigans Csy. 10–161	Cal.
18. euphonia (Csy.) 10–143	N.Y.	65. torvula Csy. 10-161	Cal.
19. sophista (Csy.) 10–143	la.	66. sonomana Csy. 10–162	Cal.
20. panda (Csy.) 10–143	R.I.Pa.D.C.	67. inceptor Csy. 10–162	Cal.
21. serva (Csy.) 10–144	Mass. [N.C.	68. abdicans Csy. 10–163	Cal.
(Migralia Cor. 10, 144)		69. repentina Csy. 10-105	So Cat.
(Microlia Csy. 10–144)	NI	69. repentina Csy. 10–163 70. laxella Csy. 10–164	So Cal. Cal.
(<i>Microlia</i> Csy. 10–144) 22. petulans (Csy.) 10–145	N.J.	70. laxella Csy. 10–164	Cal.
22. petulans (Csy.) 10–145	N.J.	70. laxella Csy. 10–164 71. pupilla Csy. 11–155	Cal.
	N.J.	70. laxella Csy. 10–164	Cal.

¹ See No. 4855.

² Mr. Howard Notman has called attention to possibility of error in generic position of 5625 and 5673.

Eurynotida Csy. 06-343	•	Gnypeta Thoms.	
5674. ornata Csy. 06–343	Tex.	5706. harfordi (Csy.) 85–304	Cal.
75. arizonica Csy. 06–344	Ariz.	curtipennis Csy. 06–201	No.Cal.
— ?pulchra Kr. 56–156		abducens Csy. 06–201	Or.
Ancillate Car 10-165		shastana Csy. 06–202	No.Cal.
Ancillota Csy. 10–165 5676. sollemnis Csy. 10–165	Mo.	pallidipes Csy. 11–168 07. crebrepunctata (Csy.) 86–2	Wash. 203
oor or bonoming obj. To 100	1,200	orr crossepanetata (esg.) oo	Cal.Or.
Moluciba Csy. 11-156		08. atrolucens Csy. 94–346	N.H Vt. No.
5677. grandipennis Csy. 11–156	B.C.	00 1 1 0 00 109	N.Y.
Coprothassa Thoms. 60–33		09. hclenæ Csy. 06–193 oregona Csy. 06–199	ColoCal. Or. [Mont.
5678. sordida (Marsh.) 02–514	La. Kan. Tex.	deserticola Csy. 06–193	Ariz.
	L.Sup. Mich.	punctulata Csy. 06–194	So.Cal.
	Colo. Pa. N.Y.	wickhami Csy. 11–166	Ariz.
79. smithi Csy. 10–166	O.Can. Ind. N.Y. [Cosmop.	boulderensis Csy. 11–167	Colo. No.Cal.
80. laurentiana Blatch. 10–357		oblata Csy. 11–168 10. floridana Csy. 06–195	Fla.
		11. bockiana Csy. 06–195	Mo.Ark.Tenn.
Strigota Csy. 10-176		manitobæ Csy. 06–196	Man. [Tex.
5681. oppidana Csy. 10–177	N.Y.	12. brevicornis Csy. 06–196	B.C.
82. gnava Csy. 10–177. 83. verecunda Csy. 10–178	N.C. Ia.	13. incrassata Csy. 06–198 lcviventris Csy. 06–198	Mont. Ut. Cal.
84. assueta Csy. 10–178	Mo.	14. uteana Csy. 11–169	Ut.
85. mediocris Čsy. 10–179	Tex.		•
86. vapida Csy. 10–179	N.Mex.	Teliusa Csy. 06–203	
87. perplexa Csy. 10–180	Colo. Nev.	5715. malaca Csy. 11–172	Tex.
88. inculta Csy. 10–180 89. impiger Csy. 10–181	Wash.	16. alutacea Csy. 06–204	Tex.
90. intrudens Csy. 10–181	Cal.	17. cavicollis Sahlb. 80	Greenland
91. placata Csy. 10–182 •	Cal.		
92. seducens Csy. 10–182	Cal.	Gnypetella Csy. 06–214	
93. obliquata Csy. 10–183 94. recta Csy. 11–165	Cal. Conn.	5718. laticeps (Csy.) 85–302 19. placidula Csy. 06–215	So.Cal.
(Eustrigota Csy. 11–165)	Comi	15. placidula Osy. 00 210	50.041.
(David Gota Cay: II 100)			
95. seclusa Csy. 11–165	So.Cal.	Trachyota Csv. 06-190	
95. seclusa Csy. 11–165	So.Cal.	Trachyota Csy. 06–190 5720. cavipennis (Lec.) 66–372	Cal.So.Cal.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351			Cal.So.Cal. So.Cal.
95. seclusa Csy. 11–165	Madeira&	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191	
95. seclusa Csy. 11–165 Brachyusa Rey 75–351	Madeira& N.Am.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307	So.Cal.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170	Madeira& N.Am. So.Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206	So.Cal.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28	Madeira& N.Am. So.Cal. So.Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29	So.Cal.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298	Madeira& N.Am. So.Cal. So.Cal. Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207	N.Y. Va. Ind. Va. N.Y.Pa. O.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299	Madeira& N.Am. So.Cal. So.Cal. Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299 Gnypeta Thoms. 60–6	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. -Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriccps Csy. 85–299 Gnypeta Thoms. 60–6 5702. nigrella (Lec.) 63–29	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal. Ind.Pa.Mass. N.Y. Md.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29 31. obsoleta Csy. 06–208	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind. N.C.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299 Gnypeta Thoms. 60–6	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal. Ind.Pa.Mass. N.Y. Md. N.Y.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29 31. obsoleta Csy. 06–208 32. parviceps Csy. 06–208	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind. N.C. Pa.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299 Gnypeta Thoms. 60–6 5702. nigrella (Lec.) 63–29 brunnescens Csy. 11–167 03. baltifera (Lec.) 63–29 (Gny	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal. Ind.Pa.Mass. N.Y. Md. N.Y. (petoma) C.I. N.J. Ind.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29 31. obsoleta Csy. 06–208 32. parviceps Csy. 06–208 33. objecta Rey 70–183	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind. N.C. Pa. France &
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95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299 Gnypeta Thoms. 60–6 5702. nigrella (Lec.) 63–29 brunnescens Csy. 11–167 03. baltifera (Lec.) 63–29 (Gny 04. laticollis (Csy.) 85–289 (Ed. lucens Bnhr. 05–254 ventralis Csy. 06–194 impressiceps Csy. 06–194 impressiceps Csy. 06–217 sparsella Csy. 06–217 elsinorica Csy. 06–218 transversa Csy. 06–218 mollis Csy. 06–219 pimalis Csy. 06–220	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal. Ind.Pa.Mass. N.Y. Md. N.Y. (petoma) C.I. N.J. Ind. liusa) Cal. So.Cal. Ariz. So.Cal. Ariz. So.Cal. So.Cal. So.Cal. So.Cal. So.Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29 31. obsoleta Csy. 06–208 32. parviceps Csy. 06–208 33. objecta Rey 70–183 34. subalutacca Csy. 06–209 35. missouriana Csy. 06–209 36. pruinosa Csy. 06–210 37. dakotana Csy. 06–210 38. illini Csy. 06–210 39. ornatella Csy. 06–211 40. arida Csy. 06–211 41. faceta Csy. 85–302 42. vespertina Csy. 06–212	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind. N.C. Pa. France & N.C. [N.Am? Mo. N.Y. N.Dak. Mo. Tex. So.Cal. Cal. So.Cal.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299 Gnypeta Thoms. 60–6 5702. nigrella (Lec.) 63–29 brunnescens Csy. 11–167 03. baltifera (Lec.) 63–29 (Gny 04. laticollis (Csy.) 85–289 (Ed. lucens Bnhr. 05–254 ventralis Csy. 06–194 impressiceps Csy. 06–194 impressiceps Csy. 06–217 sparsella Csy. 06–217 elsinorica Csy. 06–218 transversa Csy. 06–218 mollis Csy. 06–219 pimalis Csy. 06–220 citrina Csy. 06–220	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal. Ind.Pa.Mass. N.Y. Md. N.Y. (petoma) C.I. N.J. Ind. liusa) Cal. So.Cal. Ariz. So.Cal. Ariz. So.Cal. So.Cal. So.Cal. So.Cal. So.Cal. So.Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29 31. obsoleta Csy. 06–208 32. parviceps Csy. 06–208 33. objecta Rey 70–183 34. subalutacca Csy. 06–209 35. missouriana Csy. 06–209 36. pruinosa Csy. 06–210 37. dakotana Csy. 06–210 38. illini Csy. 06–210 39. ornatella Csy. 06–211 40. arida Csy. 06–211 41. faceta Csy. 85–302 42. vespertina Csy. 06–212 vacica Csy. 11–175 — ?nitidula Fauv. mss.	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind. N.C. Pa. France & N.C. [N.Am? Mo. N.Y. N.Dak. Mo. Tex. So.Cal. Cal. So.Cal. Cal.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299 Gnypeta Thoms. 60–6 5702. nigrella (Lec.) 63–29 brunnescens Csy. 11–167 03. baltifera (Lec.) 63–29 (Gny 04. laticollis (Csy.) 85–289 (Educens Bnhr. 05–254 ventralis Csy. 06–194 impressiceps Csy. 06–194 impressiceps Csy. 06–217 sparsella Csy. 06–217 elsinorica Csy. 06–218 transversa Csy. 06–218 mollis Csy. 06–220 citrina Csy. 06–220 citrina Csy. 06–220 modica Csy. 11–170	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal. Ind.Pa.Mass. N.Y. Md. N.Y. (petoma) C.I. N.J. Ind. liusa) Cal. So.Cal. Ariz. So.Cal. Ariz. So.Cal. So.Cal. So.Cal. So.Cal. So.Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29 31. obsoleta Csy. 06–208 32. parviceps Csy. 06–208 33. objecta Rey 70–183 34. subalutacea Csy. 06–209 35. missouriana Csy. 06–209 36. pruinosa Csy. 06–210 37. dakotana Csy. 06–210 38. illini Csy. 06–210 39. ornatella Csy. 06–211 40. arida Csy. 06–211 41. faceta Csy. 85–302 42. vespertina Csy. 06–212 vacica Csy. 11–175 — ?nitidula Fauv. mss. Meronera Sharp 85–779 (Merona Sharp 85–229)	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind. N.C. Pa. France & N.C. [N.Am? Mo. N.Y. N.Dak. Mo. Tex. So.Cal. Cal. So.Cal. Cal. Nfld.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299 Gnypeta Thoms. 60–6 5702. nigrella (Lec.) 63–29 brunnescens Csy. 11–167 03. baltifera (Lec.) 63–29 (Gng.) 04. laticollis (Csy.) 85–289 (Ed.) lucens Bnhr. 05–254 ventralis Csy. 06–194 impressiceps Csy. 06–199 majuscula Csy. 06–217 sparsella Csy. 06–217 elsinorica Csy. 06–218 transversa Csy. 06–218 mollis Csy. 06–219 pimalis Csy. 06–220 citrina Csy. 06–220 modica Csy. 11–170 limulata Csy. 11–170 limulata Csy. 85–300	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal. Ind.Pa.Mass. N.Y. Md. N.Y. (petoma) C.I. N.J. Ind. liusa) Cal. So.Cal. Ariz. So.Cal. Ariz. So.Cal. Cal. Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29 31. obsoleta Csy. 06–208 32. parviceps Csy. 06–208 33. objecta Rey 70–183 34. subalutacea Csy. 06–209 35. missouriana Csy. 06–209 36. pruinosa Csy. 06–210 37. dakotana Csy. 06–210 38. illini Csy. 06–210 39. ornatella Csy. 06–211 40. arida Csy. 06–211 41. faceta Csy. 85–302 42. vespertina Csy. 06–212 vacica Csy. 11–175 — ?nitidula Fauv. mss. Meronera Sharp 85–779 (Merona Sharp 85–229) 5743. venustula (Er.) 40–55	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind. N.C. Pa. France & N.C. [N.Am? Mo. N.Y. N.Dak. Mo. Tex. So.Cal. Cal. So.Cal. Cal. Nfld. R.IFla. Ia.
95. seclusa Csy. 11–165 Brachyusa Rey 75–351 5696. raptoria (Woll.) 54–542 Pontomalota Csy. 85–296 5697. bakeri Bnhr. 12–170 98. opaca (Lec.) 63–28 99. californica Csy. 85–298 5700. luctuosa Csy. 11–164 01. nigriceps Csy. 85–299 Gnypeta Thoms. 60–6 5702. nigrella (Lec.) 63–29 brunnescens Csy. 11–167 03. baltifera (Lec.) 63–29 (Gny 04. laticollis (Csy.) 85–289 (Ed. lucens Bnhr. 05–254 ventralis Csy. 06–194 impressiceps Csy. 06–194 impressiceps Csy. 06–217 sparsella Csy. 06–217 elsinorica Csy. 06–218 transversa Csy. 06–218 mollis Csy. 06–219 pimalis Csy. 06–220 citrina Csy. 06–220 modica Csy. 11–170 limulata Csy. 11–170	Madeira& N.Am. So.Cal. So.Cal. Cal. Alas. Cal. Ind.Pa.Mass. N.Y. Md. N.Y. Apetoma) C.I. N.J. Ind. Ariz. So.Cal. Ariz. So.Cal.	5720. cavipennis (Lec.) 66–372 21. lativentris Csy. 06–191 Tachyusa Er. 39–307 5722. smithi Csy. 06–206 23. gracillima Lec. 63–29 24. virginica Csy. 11–172 25. americana Csy. 06–207 26. silvatica Csy. 11–173 27. meraca Csy. 11–174 28. carolinæ Csy. 06–207 29. ohioana Csy. 11–174 30. cavicollis Lec. 63–29 31. obsoleta Csy. 06–208 32. parviceps Csy. 06–208 33. objecta Rey 70–183 34. subalutacea Csy. 06–209 35. missouriana Csy. 06–209 36. pruinosa Csy. 06–210 37. dakotana Csy. 06–210 38. illini Csy. 06–210 39. ornatella Csy. 06–211 40. arida Csy. 06–211 41. faceta Csy. 85–302 42. vespertina Csy. 06–212 vacica Csy. 11–175 — ?nitidula Fauv. mss. Meronera Sharp 85–779 (Merona Sharp 85–229)	N.Y. Va. Ind. Va. N.Y.Pa. O. N.Y. [Ind. Mass. N.C. Ohio. Mass.Ind. N.C. Pa. France & N.C. [N.Am? Mo. N.Y. N.Dak. Mo. Tex. So.Cal. Cal. So.Cal. Cal. Nfld.

Myrmecopora Saulcy 64-429 (Ilyusa Rey 75-419) (Xenusa Rey 75-410)		Falagriota Csy. collaris Csy. 06–258 parvipennis Csy. 06–259	Cal. Cal.
5746. vaga (Lec.) 66–371 — crassiuscula Aubé 50–301 pygmæa Sachse 52–115 Falagriæ	L.Sup. So.Eur. N.Am.in error	Falagria Mann. 30–12 5755. dissecta Er. 40–49 iowana Csy. 06–247	U.S. & Can.Ct. Ia. [Ind.
Fenyes, 12		ithacana Csy. 06–247 subsimilis Csy. 06–248	N.Y. Colo.N.Mex.
Borboropora Kr. 62–405 (Orthagria Csy. 06–260) (Ancurota Csy. 06–260) (Pseudoscopæus Weise 76–8	3)	texana Csy. 06–248 angulata Čsy. 06–249 sterilis Csy. 11–178	Tex. Ut. Ut.
5747. quadriceps (Lec.) 66–371 48. grandis Bnhr. 05–21 49. sulcifrons (Csy.) 93–348	N.Y.Pa.W.Va. N.Am. Fla.	Lissagria Csy. 06–228 5756. læviuscula (Lec.) 66–371 fissilis Csy. 06–254 robusta Csy. 06–254	Cal.So.Cal. Cal. Cal.
Cardiola Rey 75–452. 5750. obscura (Grav.) 02–74	Eur.Pa.N.Y.	a. impressifrons Csy. 06–254 minuscula Csy. 06–254 longicollis Csy. 06–255	Cal. Cal. Cal.
Aleodorus Say 36–157 (Chitalia Sharp 83–235)	•	Lorinota Csy. 06-226	NIN NE TI
5751. bilobatus Say 36–156	MoMass.	5757. cingulata (Lec) 66–370 tenuicornis Csy. 06–243	N.YMo.Ind. Ohio, Ia. [Fla.
scutellaris (Lec.) 66–370 granulosus (Csy.) 06–235	N.Y. [Ind. Miss. Md.	gracilis Csy. 06–244 bilimbata Csy. 06–245	N.C. Ia.
illustris (Csy.) 06–235 canadensis (Csy.) 06–236	Miss. Que.	sinuosa Csy. 11–178 58. caviceps Csy. 06–240	Wis. N.Mex. Ariz.
nigrescens (Csy.) 06–236 turbatus (Csy.) 11–176	Ia. N.J.	pinalica Csy. 06–241 59. arizonica Csy. 06–241	Ariz. Ariz.Colo.Ut.
52. intricatus (Csy.) 06–234	N.Mex.Colo. Ariz.	fontinalis Csy. 06–241	Colo. [N.Mex. N.Mex.
53. partitus (Lec.) 66–371 floridanus (Csy.) 06–237 novellus (Csy.) 11–176	Fla.Ala.La. Fla. Tex.	acomana Csy. 06–242 60. parva Csy. 06–244 Anaulacaspis Ganglb. 95–255	Fla.
		(Falagrioma Čsy. 06–226)	
Falagriota Csy. 06–229 5754. occidua Csy. 85–285	Cal.	(Melagria Csy. 06–227) (Leptagria Csy. 06–227)	
lucida Csy. 06–257 asperula Csy. 06–257	Cal.	(Falagriola Reitt. 09–74) 5761. longipes (Woll.) 71–284	Ga.Eur.Asia.
picina Csy. 06–257 evanescens Csy. 06–258	Cal.	62. perexilis (Csy.) 06–250 hudsonica (Csy.) 06–251	Tex. N.J.
	ALEOCI	HARINI	
$Aleochar oldsymbol{x}$	11000	Aleochara Grav.	
Aleochara Grav. 02-67 (Aleochara Grav. s.str.)	•	(<i>Xenochara</i> Rey 74–60) 5780. puberula Klug 32–139	Eur. & N.Am.?
5763. curtula Goeze 77–730	Eur. & N.Am.		Ga.Mo.So.Cal.
fuscipes Fab. 92–266 brachyptera Fourc. 85–167	Eur. Can Eur. Fla.	81. bipartita Csy. 93–287 (Aidochara Csy. 06–145)	Tex.
64. lustrica Say 36–468	L.I. Ind. Va. La.Miss.	82. planiventris Csy. 06–146	Cal.
a. sternalis Csy. 06–138 65. crassicornis B. & L. 35–531 66. lata Grav. 02–186	N.Y. Eur.&N.Am.? Fla.Nfld.Va.	(Oreochara Csy. 06–148) 83. laramiensis Csy. 06–148	Wy.
67. rubripes Blatch. 10–365 68. texana Csy. 06–137	Ia. Ind.N.Y. Ind. [Cosmop. Tex.	(Calochara Csy. 06–149 84. rubripennis Csy. 06–150 ?rubripennis Pettit mss. 72-	
69. fusicornis Csy. 06–138 70. algonquina Csy. 06–139	N.E.Am. Ohio.	Baryodma Thoms. 58-31	Can.
71. medialis Csy. 06–140	N.Y.	5785. morion Grav. 02–97	Eur. & N.Am.
72. tahoensis Csy. 06–141 73. kansana Csy. 06–141	Cal. Kan.	86. castaneipennis Mann. 43–2	
 a. ellipsicollis Csy. 06–142 74. pleuralis Csy. 06–141 	Kan. N.Y. Ind.	87. robustula Csy. 06–152	B.CCal. So.Cal.
75. americana Čsy. 06–142 76. postpicta Csy. 06–142	Mass. Colo.	88. glenorana Csy. 06–153 89. uvidula Csy. 06–153	B.C. Cal.
77. montanica Csy. 06–143	Mont.	90. rotundicollis Csy. 06–153	Alas.
78. thoracica Csy. 93–286 79. collusor Csy. 06–143	Can. R.I.	91. acomana Csy. 06–154 92. mannerheimi Csy. 06–154	N.Mex. B.C.

Bary	odma Thoms.		Emplenota Csy.	
	insulana Csy. 06–155 rubricalis Csy. 11–4	Alas. B.C.	(Pinalochara Csy. 06–177)	A:-
95.	concurrens Csy. 11–5	B.C.	5839. wickhami Csy. 06–178	Ariz.
	eludens Csy. 11-5 defecta Csy. 06-155	Cal. N.Y.	(Rheochara Rey 74–163) 40. nebulosa Csy. 06–179	Pa.
98.	affluens Csy. 06–156	B.C. N.YN.C.Ind.	(Rheobioma Csy. 06–180)	~ ·
	sculptiventris Csy. 93–285 imbricata Csy. 06–157	Cal.Nev.	41. disjuncta Csy. 06–181 42. terrena Csy. 11–7	Cal.
01.	idonea Csy. 06–157	N.J. [Mont.	43. marcida Csy. 11–8	Cal.
	salicola Csy. 06–157 humboldti Csy. 10–108	So.Cal.	(Rheocharella Csy. 06–181)	
	densiventris ∬ Csy. 06–158	N.MexAriz.	44. fenyesi Bnhr. 05-255	So.Cal.
	obsolescens Csy. 06–158 recta Csy. 06–159	Cal. [Cal. N.Mex.	45. maura Sachse 52–117	N.Am.
	bimaculata Grav. 02–187	Ct. Ariz. Nfld.	46. cognata Mäkl. 52–310	Alas.
	·	Fla. Can.Ind.	47. quadrifer Csy. 06–175 — algarum Fauv. 62–92 ‡	Cal. Eur. (U.S.?)
	notula Er. 40–167	W.I.&N.Am.?	— graciliformis Fauv. mss. ‡	2342. (0.1.7)
	nitidicollis Csy. 06–160 nanella Csy. 06–150	Tex.	Maseochara Sharp 83-154	
	innocua Csy. 06-150	Cal.	(Tithanis Csy. 84–16)	
	deserticola Csy. 06–160 densissima Bnhr. 06–345	Ariz. Cal.	5848. semivelutina Solsky 83–154 49. decipiens Csy. 06–169	Mex.&Ariz.? Ariz.
12.		Cui.	?opacella Sharp 83–154	Mex.Ariz.?
13.	(Coprochara Rey 74–146) verna Say 36–156	N'.U.S.&Can.	50. valida (Lec.) 58–16 51. californica Csy. 85–309	So.Cal.
	?languida Sachse 52–117	N.Am. Eur.	52. ponderosa Csy. 06–170	Ariz.
	anthomyiæ Spr. 69–370 tolerata Csy. 11–6	Mass.	53. ruficauda Csy. 06–170 54. puberula Csy. 93–284	Ariz. So.Cal.
15.	ontarionis Csy. 16-71	Can.	55. musta Csy. 11–7	Ariz. So. Car.
	minuta Csy. 06–161 pumilio Csy. 11–6	Cal. Ia. Ia.	56. basalis Csy. 06–171	Cal.
18.	suffusa Csy. 06–162	Colo.	Homœusa Kr. 58-76	
	acuminata Csy. 06–162 nitida Grav. 02–97	Colo. Eur.&N.Am.	5857. acuminata Märk. 42–143	Eur.&N.Am.
	bipustulata L. ‡ 61–232	Ind. [Fla.Ariz.	(Soliusa Csy. 00–53) 58. crinitula Csy. 00–54	N.Y.Conn.
	pauxilla M. & R. 73-443	Fr.&N.Am.? Tex.Nev.Cal.	59. frosti Csy. 11–53	Mass.
91	(Polychara Rey 74–64)	D 9-NI A 9	Myrmobiota Csy. 93-594	
	villosa Mann. 30–67 fumata Er. 39–357	Eur.&N.Am.? Eur.AN.Am.?	5860. crassicornis Csy. 93–595	Ia.
23.	mærens Gyll10–493	Eur.&N.Am.? Sib. B.C.	Dinardilla Wasm. 01-145	
24.	speculicollis Bnhr. 01-371	Tex.	5861. liometopi Wasm. 01–145	Colo.
	gracilicornis Bnhr. 01–372 soror Bnhr. 06–347	Mass. So.Cal.	Decusa Csy. 00-54	
	sparsicollis Bnhr. 06–347	Cal.	5862. expansa Lec. 66–373	D.C.
	(Isochara Bnhr. 01–440)		Euthorax Sol. 49-345	
28.	densiventris Bnhr. 06–346	So.Cal.	(<i>Myrmecochara</i> Kr. 57–40) 5863. debilis Wasm. 94–206	D.C.
00	(Eucharina Csy. 06–165)	G 1	64. crinita Csy. 93–596	Colo.
	tibialis Csy. 06–166 sulcicollis Mann. 43–225	Cal. So.Cal.Alas.	65. pictipennis Kr. 57–41	La.Tex.Mex.
		Or. B.C.	Crataræa Thoms. 58-34	
31.	rugosa Csy. 06–166 debilicornis Csy. 06–167	Alas.B.C. So.Cal.	(Microglotta Kr. 62–300) (Haploglossa Kr. 56–78)	
	cylindrella Csy. 06–167	So.Cal.	(Microglossa ‡ Ganglb. 95–5	
Empl	enota Csy. 84–17		5866. suturalis Mann. 30–82	Eur.R.I.Ia. Can.Mass.S.C.
	(Polystoma Steph. 27-430)	67. grandiceps Csy. 11–9	Cal. [Mo.Cal.
	maritima Csy. 84–17 pacifica Csy. 93–290	N.YVa.Nfld. So.Cal.	Melanalia Csy. 11-10	
35.	arenaria Csy. 93-289	So.Cal.	5868. tabida Csy. 11–10	Cal.
	trilimbata Csy. 06–175 longiceps Csy. 11–9	Cal. B.C.	69. tetricula Csy. 11-11 larvalis Csy. 11-11	Cal.
		2.0.	•	
	(Echochara Csy. 06–176) lucifuga Csy. 93–288	Ky.Ind.	Ischnoglossa Kr. 56–56 5870. angustiventris Csy. 93–303	Ia.
	cavicola (Garman) 94–81	Ky.	71. asperata Csy. 93–303	Cal.

Ischnoglossa Kr.		Oxypoda Mann.	
5872. abscissa Csy. 11–16	R.I.	**	
73. tenuicauda Csy. 11–17	Fla.	5920. mobilis Csy. 11–26	Tex.
74. intenta Csy 11-17	Ia.	21. rubescans Csy. 11–26	N.Y.
75. alticola Csy. 11–18	Cal.	***	
Thiasophila Kr. 58–69		22. profecta Csy. 11–27	Mo.
5876. laticollis Csy. 93–302	N.Y.	23. manitobæ Csy. 11–28 24. nimbata Csy. 11–28	Man. Cal.
77. blanchardi Csy. 11–12	Mass.	25. cernua Csy. 11–29	Cal.
78. wickhami Csy. 11–13	Ia.	26. madescans Csy. 11–29	Cal.
		27. subpolaris Csy. 11–30	Alas.
Acrimea Csy. 11-14	T11	28. nubifer Csy. 93–294	Ut.
5879. resecta Csy. 11–14 80. acerba Csy. 11–15	Idaho. Wash.	29. saxatilis Csy. 93–295 30. mimetica Csy. 06–312	Colo. Va.
81. fimbriata Csy. 11–15	Or.	31. truncatella Csy. 06–315	Mo.
		32. virginica Csy. 06–316	Va.
Stichoglossa Fairm. 54-442		33. obliqua Csy. 06–316	Va.Ind.
(Dexiogya Thoms. 60–277)		34. wickhami Csy. 11–31	Ut.
5882. corticina (Er.) 37–351	Cal.Eur.	35. recensa Csy. 11–31 36. juncea Csy. 11–32	Cal. N.Mex.
T7		37. canora Csy. 11–32	N.Y.
Dasyglossa Kr. 58–130	T & N. A	38. latebricola Csy. 11–33	Pa.
5883. prospera Er. 40–143	Eur. & N.Am. Colo. Cal.	39. congesta Csy. 11–33	No.Cal.
congruens Csy. 93-292	[Mass. Sib.	40. oblita Csy. 11–34	Miss.
84. fenyesi Bnhr. 07–402	B.C. Alb.	41. affecta Csy. 11–35 42. tenuicula Csy. 11–35	$egin{array}{l} ext{Miss.} \ ext{Ia.} \end{array}$
		43. croceola Csy. 11–36	Mo.Tex.
Hylota Csy. 06–318	NT X7	44. mollicula Csy. 11–36	N.C.
5885. ochracea Csy. 06–319	N.Y.	45. hiemalis Csy. 11–37	Can.
Oxypoda Mann. 30–69		46. elusa Csy. 11–37	Cal.
5886. exigua Er. 39–348	Eur.&N.Am.	47. profuga Csy. 11–38 48. flebilis Csy. 11–38	Cal. Cal.
87. irrasa Mäkl. 53–183	Alas.	49. optiva Csy. 11–39	Vanc.
88. minuta Sachse 52–116	N.Am.	50. lassula Csy. 11–39	Wash.B.C.
89. sagulata Er. 40–146	Pa. Ind.	a. egestosa Csy. 11–40	Vanc.
90. frigida Bnhr. 07–404 91. gatosensis Bnhr. 05–256	B.C.Alb. So.Cal.	51. famula Csy. 11–40	Alas.
92. fusiformis Csy. 06–318	So.Cal.	52. paganica Csy. 11–41 53. nutricia Csy. 11–41	So.Cal. Cal.
93. opacicollis Bnhr. 07–404	So.Cal.	54. glenoræ Csy. 93–295	B.C.
94. robusticornis Bnhr. 07–403		****	
95. subnitens Bnhr. 07–403	So.Cal.	55. palustris Blatch. 10–362	Ind.
96. convergens Csy. 93–293 97. impressa Csy. 93–293	N.Y. B.C.	56. amica Csy. 06–312	Ia. Ind.
98. nigriceps Csy. 93–296	R.I.	57. gymnica Csy. 11–42	Ariz.
99. lineata Csy. 93–297	R.I.	58. sedula Csy. 11–42 59. lenis Csy. 11–43	Ariz. N.Mex.
5900. hudsonica Csy. 93–298	N.Y.	60. agitata Csy. 11–43	Tex.
01. fustiger Csy. 93–298	Cal.	61. astricta Csy. 11–44	So.Cal.
02. californica Csy. 93–299 03. sylvia Csy. 06–313	Cal. Me.	62. vetula Csy. 11–44	N.J.
04. lucidula Csy. 06–313	Mo.	63. morula Csy. 11–45	Cal.
05. stygica Csy. 06–313	N.Y.	64. opica Csy. 11–46 65. mansueta Csy. 11–46	Cal. Cal.
06. renoica Csy. 06–314	Nev.	66. sejuncta Csy. 11–47	Cal.
07. iowensis Csy. 06–314	la.	67. scæva Csy. 11–48	Or.
08. dubia Fenyes 07–61 caseyi Bnhr. 07–404	Colo.	68. saturata Csy. 11–48	Nev.Cal.
ancilla Csy. 06–315	Colo.	69. regressa Csy. 11–49	Vanc.
09. simulans Csy. 06–315	Mo.	70. perita Csy. 11–49 71. neptis Csy. 11–50	Cal. Ia.Cal.
10. perexilis Csy. 06–316	Mo.Miss.Ind.	72. nugax Csy. 11–50	Miss.
11. lacustris Csy. 06–317	Ont. Nev.	73. implicata Csy. 11–51	Cal.
12. nevadensis Csy. 06–317	TYCY.	74. tenera Bnhr. 06–345	So.Cal.
13 orbicallia Carr 11 99	Wie	75. lividula Csy. 11–52	Cal.
13. orbicollis Csy. 11–22 14. demissa Csy. 11–22	Wis. Can.	76. effeta Csy. 11–52 77. ¹	So.Cal.
15. cruda Csy. 11–23	Cal.		
16. cauta Csy. 11–23	Colo.	Ocyusa Kr. 56–156	
17. olescans Csy. 11–24	Cal.	5978. asperula Csy. 93–305	Ia.R.I.
18. inimica Csy. 11–25	Mass.	brevipennis Bnhr. 06–344	Mass.
19. gnara Csy. 11–25	R.I.	79. californica Bnhr. 06–343	Cal.

¹ 5977 was used for caseyi Bnhr., unnecessary by previous proposal of dubia Fenyes, see no. 5908.

Gnathusa Fenyes 09–197 5980. eva Fenycs 09–198	Cal.	Echidnoglossa Woll. 6002. morigera Csy. 11–58 03. eximia Csy. 85–293	Ut. Cal.
Ocalea Er. 39–298 5981. franciscana Csy. 06–306 82. grandicollis Csy. 06–305 83. vancouveri Csy. 93–309 84. agnita Csy. 11–55 85. fusca Fenyes 09–424	Cal. Cal. Vanc. Ariz. Ariz.	ludibunda Csy. 11–59 clavicauda Csy. 11–58 04. exilis Csy. 85–294 05. defecta Csy. 11–59 a. leviventris Csy. 11–61 06. illecta Csy. 11–60	Cal. Cal. Cal. Cal. Cal. Cal. Cal. Cal.
(Isoglossa Csy. 11–54) 86. pellax Csy. 11–54 87. arcuata Csy. 93–304 (Parocalea Bnhr. 01–431)	Cal. Cal.	07. quadripennis Csy. 11–60 08. tenuicornis Csy. 11–61 09. brevicornis Csy. 93–313 10. lacustris Csy. 93–313 11. gracilis Csy. 85–292 ventralis Csy. 11–62	Cal. Cal. Mich. Cal. Cal. Cal.
88. baicalica Epp. 93–20 Callicerus Grav. 02–66 (Semiris Thoms. 60–299) 5989. canadensis Csy. 06–309	Sib.&N.Am.	a. gaudens Csy. 11–62 12. brendeli Csy. 93–314 13. monticola Csy. 93–315 14. lativentris Csy. 93–315 15. grandicollis Csy. 85–295	Cal. Ia. Colo. Mont. Cal.
90. puberulus Csy. 94–310 Ityocara Thoms. 60–239 5991. rubens Er. 37–304	N.Y. Eur.&.N.Am.	16. eminens Csy. 11–63 Pachycerota Csy. 06–307 6017. duryi Csy. 06–308	Cal. MassIa.
Chilopora Kr. 58–146 5992. americana Csy. 06–306 93. fuliginosa Csy. 06–307	N.Y. N.C.	Phlœopora Er. 37–311 6018. testacea (Mann.) 30–86 ?reptans (Grav.) 06–154	Eur.N.Am.
Longipeltina Bnhr. 12–682 5994. bakeri Bnhr. 12–682	Cal.	19. oregona Csy. 06–310 20. corticalis (Grav.) 02–76 ferruginea Csy. 93–306 21. debiliceps Csy. 11–19	Or. Eur. N. Am. Pa. Nev.
Calodera Mann. 30–85 5995. infuscata Blatch. 10–361 Amarochara Thoms. 58–32	Ind.	22. liberta Ĉsy. 11–19 23. adversa Ĉsy. 11–20 24. jacobiana Ĉsy. 11–20 25. sublævis Ĉsy. 06–310	N.C. So.Cal. So.Cal. Ia.N.C.Ind.
5996. fcnyesi Blatch. 10–361 Echidnoglossa Woll. 64–530 (<i>Colusa</i> Csy. 85–288)	Ind.	26. ?latens Er. 39–78 (Nasirema Csy. 93–307) 27. humilis Csy. 93–308	Eur.Pa Mo.Ia. Pa.
(?Blepharhymenius Sol. 51- 5997. valida Csy. 85-294 98. æmula Csy. 11-56 99. concinna Csy. 11-56	Cal. Cal. Cal.	28. inquilina Csy. 06–311 29. parviceps Csy. 93–309 ————————————————————————————————————	Ia. R.I.
6000. strangulans Csy. 11–57 01. occidua Csy. 11–57	Cal. So.Cal.	Beyeria Fenyes 10–118 6030. vespa Fenyes 10–119	Ariz.

PSELAPHIDÆ

Latreille 07; Aubé 33; Lcconte 50; Brendel & Wickham 90; Casey 84, 86, 87, 93, 97, 08; Raffray 08–11

FARONINI

Sonoma Csy. 86–195		Sonoma Csy.	
(Faronus ‡ auct.)		6037. parviceps (Maekl.) 52–372	Alas.B.C.
(Sagola ‡ auct. nec Sharp	74–506)	38. cavifrons Csy. 87–481	Cal.
6031. isabellæ (Lec.) 51–663	Cal.So.Cal.		
32. corticina Csy. 87–480	Cal.	(Rafonus Csy. 93-441)	
33. grandiceps Csy. 93–437	Cal.	39. tolulæ (Lec.) 50–109	Ga.Va.Pa.
34. longicollis Csy. 93–438	Cal.	and the second	
35. subsimilis Csy. 93–439	Cal.	Megarafonus C_{sy} . 97–550	
36. rubida Csy. 93–439	Cal.	6040. ventralis Csy. 97–550	Or.B.C.

Jubini

Stratus Schauf. 72–246 6041. ursinus Schauf. 72–452 La.Mex. (Jubinini Raffray)

EUPLECTINI

	EUPL	ECTINI	
Thesium Csy. 84–94		Melba Csy.	
(Apothinus Sharp 87-35)		6080. thoracica (Bndl.) 89–196	Ill.Ia.
	La La Tov		•
6042. laticolle (Csy.) 84–118	La.Ia.Tex.	81. laticollis (Bndl.) 92–167	la.
43. brevicolle Raffr. 98–221	?La.Mex.	82. parvula (Lec.) 50–108	Ind.Pa.Ill.Ia.
44. cavifrons (Lec.) 63–28	La.Miss.Pa.	83. sulcatula Csy. 97–567	Pa. [S.C.
		84. dentipes Raffr. 03–536	Pa.
Rhinoscepsis Lec. 78–382		85. texana Csy. 97–566	Tex.
6045. bistriatus Lec. 78–382	Fla.	86. discolor (Lec.) 78–384	La.
		87. americana (Lec.) 63–28	Ala.
Basolum Csy. 97–571		88. gracilis (Bndl.) 92–167	Ia.
6046. impunctatum(Bndl.) 90-3	4 Va Md	89. simplex (Lec.) 78–384	So.St.Fla.
47. ?durum (Bndl.) 92–166	Ia.	ob. Simplex (Beel) 10 001	20.20.11.00
47. :uurum (Dhui.) 92–100	14.	Trimionlastus Padl 00 50	
38 O 02 44"		Trimioplectus Bndl. 90–50	T11 T.
Morius Csy. 93–445	0.1	6090. obsoletus Bndl. 90–50	Ill. Ia.
6048. occidens Csy. 93–446	Cal.	• 0 00 4*0	
		Oropodes Csy. 93-453	
C upila Csy. 97–561		6091. orbiceps Csy.93–453	Cal.So.Cal.
6049. clavicornis (Maekl.) 52-37	1 Alas.Or.	raffrayi (Bndl.) 94–196	Cal.
` '			
Simplona Csy. 97-561		Euplectus Leach 17–80	
6050. arizonica Csy. 97–562	Ariz.	(Pycnoplectus Csy. 97-552)	
0050. arizonica Osy. 51–502	21112.	6092. longicollis Csy. 84–99	Md.Va.
D			
Pseudotrimium Raffr. 98–230	200	93. confluens Lec. 50–105	D.C.Va.Mass.
6051. microcephalum Raffr. 98-2	230		Atl.St.L.Sup.
	?La.Mex.	94. iowensis Csy. 93–456	Ia. [Ind.
		95. elongatus Bndl. 93-281	Pa.
Trimiomelba Csy. 97-563		96. schmitti Raffr. 03–540	Pa.
6052. lævis Csy. 97–564	D.C.	97. californicus Csy. 87–476	Cal.So.Cal.
53. convexula (Lec.) 78–383	Ill.Pa.Fla.	98. disjunctus Csy. 97–554	Va.
54. dubia (Lec.) 50–108	Ind.So.St.Ga.	99. planipennis Bndl. 89–195	Ia.
54. duna (Lec.) 50-105	mu.bo.bt.Ga.		_
A -4: C 00 001		6100. rotundicollis Bndl. 90–61	Ia.
Actium Csy. 86–201		01. acomanus Csy. 08–265	N.Mex.
(Proplectus Raffr. 90–94)		02. duryi Csy. 08–266	Ohio.
(Actiastes Csy. 97-561)		03. difficilis Lec. 50–106	E.St.Ga.
6055. californicum (Lec.) 78–383	Cal.So.Cal.	04. congener Csy. 84–101	Va.D.C.
pallidum Csy. 87–473	Cal.	05. sexualis Csy. 94–103	S.C.Va.
decipiens (Raffr.) 90–197		06. spinifer Csy. 84–104	Tex.Ill.La.Ga.
56. politum Csy. 87–473	Cal.	07. infossus Raffr. 03-541	Pa.
57. bicolor Csy. 08–269	N.Mex.	08. linearis Lec. 50–104	La.Ga.Fla.
58. robustulum Csy. 87–474	Cal.	00. Micaris Ecc. 00 101	Miss.Mich.
		00 hudamious Carr 02 455	
59. testaceum Csy. 87–475	Cal.	09. hudsonicus Csy. 93–455	N.Y.
60. candidum Csy. 93–465	Cal.	10. longipennis Csy. 08–264	Pa.
61. marinicum Csy. 93–465	Cal.	11. floridæ Csy. 08–264	Fla.
62. blandum Csy. 08–271	Pa.	12. interruptus Lec. 50–105	D.C.Va.Fla.
63. retractum Csy. 08–270	Alas.		La.Ga.Ill.
64. costale (Bndl.) 92–166	Pa.		\mathbf{Miss} .
65. foveicolle (Lec.) 78–384	Mass.R.I.Pa.	13. longissimus Bndl. 90-71	S.C.Ga.
66. angustum Csy. 97–559	Pa.	14. imperfectus Csy. 97–553	D.C.
67. pacificum Csy. 93-466	Cal.	15. tenellus (Csy.) 97-552	Pa.
68. bifoveatum Csy. 97–559	Cal.	16. impressiceps Csy. 08–265	Pa.
69. brevipenne Csy. 93–467	Cal.	20. mpressiceps esg. 00 200	1 4.
		Leptoplectus Csy. 08-266	
70. globifer (Lec.) 50–107	S.C.Ga.	6117. pertenuis Csy. 84–109	Pa.D.C.
71. parabolicum (Bndl.) 93–28	IN.Am.		
		18. filiformis Csy. 08–268	Pa.O.
Pseudactium Csy. 08-271		19. insolens Csy. 08–268	Pa.
6072. carolinæ Csy. 08–271	N.C.	20. exilissimus Csy. 08–269	Ohio.
73. mellinum Csy. 08–272	Pa.	m1	
74. cephalicum Čsy. 08–273	Pa.	Thesiastes Csy. 93-444	TIL T
1		6121. fossulatus (Bndl.) 90–59	Ill.Ind.
Melba Csy. 97–565		22. pumilus (Lec.) 50–106	La.Ga.S.C.
(Trimium ‡ auct.)		23. debilis (Lec.) 78–386	Fla.
		tenuis (Lec.) 78–386	Fla.
(Zolium Csy. 97–562)		24. atratus Csy. 93-457	R.I.
(Dalmosella Csy. 97–570)	001		
(Trimiopsis (pars) Reitt. 83		Acolonia Csy. 93-443	
6075. tenuis (Csy.) 97-570	Pa.	6125. cavicollis (Lec.) 78-387	Fla.
76. major (Bndl.) 92–167	Ia.Ind.		
77. uniformis Csy. 97–569	R.I.	Bibloporus Thoms. 61–225	
78. fossiger Csy. 97–568	N.Y.	(Faliscus Csy. 84–94)	
79. puncticollis (Lec.) 78–384	Ariz.	6126. bicanalis (Csy.) 84–120	N.Y.
1 1.11 (0.20. 0.00000000 (000,0) 01 220	

Bibloplectus Reitt. 81–529 6127. ruficeps (Lec.) 63–28 28. integer (Lec.) 78–386 29. leviceps (Csy.) 84–115 30. sobrinus Csy. 97–555 Ramecia Csy. 93–450 (Biblomimus Raffr. 03–545) 6131. crinita (Bndl.) 90–55 32. capitulum (Csy.) 84–112 33. arcuata (Lec.) 50–106	Tex.Fla.La. Mich. [Mich. Md. D.C. R.I. Mich.Va.No. Mich. Fla. [St. Ga.Va.Fla.	Ramecia Csy. 6134. discreta Csy. 93–451 35. decora (Csy.) 84–113 36. dentiventris Csy. 93–452 Eutyphlus Lec. 80–185 (Nicotheus Csy. 84–94) 6137. similis Lcc. 80–185 tibialis (Csy.) 84–121 38. prominens Csy. 93–460 39. schmitti Raffr. 03–546	Pa. Tex. Va. D.C. D.C. Va. Va. Pa.
	Triction	YCHINI	
Oropus Csy. 86–196 (Trichonyx ‡ Lec.) 6140. interruptus Csy. 86–199 41. convexus Csy. 86–198 42. testaceus Csy. 08–274 43. keeni Csy. 08–275 44. striatus (Lec.) 74–49 45. abbreviatus Csy. 86–200 46. montanus Csy. 87–479 47. brevipennis Csy. 08–275 48. curtipennis Csy. 08–276 49. castancus Csy. 08–276 50. basalis Csy. 08–276 51. cavicauda Csy. 93–448 52. debilis Csy. 08–277	Cal. Cal. Cal. B.C. Vanc. Cal. Vanc. Cal. Cal. Cal. Cal. Cal. Cal. Cal. Cal	Rhexidius Csy. 6153. granulosus Csy. 87–478 54. asperulus Csy. 93–449 55. canaliculatus (Lec.) 50–107 sylvaticus Raffr. 90–197 56. intermedius Bndl. 92–13 57. trogasteroides Bndl. 92–12 Rhexius Lec. 50–102 6158. insculptus Lec. 50–103 59. substriatus Lec. 78–382 60. schmitti Bndl. 93–281 61. hirsutus Csy. 08–279	Cal. Cal. E. of Miss. S.C. Ga.Mich. Md. Ga.Ind. [Fla. N.Am. Pa. N.J. Miss. La. Fla. [Ind.Fla. Pa. Mo.
Rhexidius Csy. 87–478 (Conoplectus Bndl. 90–42) (Prorhexius Raffr. 90–103)		62. ruber Csy. 08–279 63. ferrugineus Csy. 08–280 64. virginieus Csy. 08–281 65. transversus Csy. 08–281	D.C. Pa. Va. !Ind.
	BATR	ISINI	
Arianops Bndl. 93–279 (Anops Bndl. 90–80) (Eusanops Csy. 97–582) 6166. amblyoponica Bndl. 90–80 67. plectrops Csy. 97–582 Arthmius Lec. 50–91 6168. globicollis Lec. 50–91 69. gracilior Csy. 84–88 70. bulbifer Csy. 93–474 71. involutus Csy. 93–474 Batrisodes Reitt. 81–205 (Batrisus Lec. nec Aubé) 6172. ionæ (Lec.) 50–94	Pa. N.C. Fla.Ga.Pa. Fla. Tex. N.C.	Batrisodes Reitt. 6188. schaumi (Aubé) 44–84 punctatus (Lcc.) 50–97 89. riparius (Say) 24–98 90. uncicornis Csy. 97–576 91. scabriceps (Lec.) 50–98 92. temporalis Csy. 97–573 93. frontalis (Lec.) 50–96 94. lineatocollis (Aubé) 33–60 95. bistriatus (Lec.) 50–101 ?fossicauda Csy. 97–275 96. declivis Csy. 08–262 97. antennatus Schfr. 06–261 98. beyeri Schfr. 06–262 99. harringtoni Csy. 97–578	Pa.Ill. Ga. Mo. Ga. Pa. N.Y. [Ind. N.J.Pa. Ill. Ia. Pa. Pa. Mo. Wis. Pa. Ga. Pa. Conn. Ia. N.C. N.C. Can. Wis. Pa.
73. armiger (Lec.) 50–94 74. monstrosus (Lec.) 50–95 a. ferox (Lec.) 50–95 b. cristatus (Lec.) 50–96 75. cavicrus Csy. 93–468 76. confinis (Lec.) 50–96 77. carolinæ Csy. 93–468 78. monticola Csy. 86–177 79. occiduus Csy. 86–177 80. aphænogastri Fall 12–11 81. albionicus (Aubé) 33–49 ♀ aculcatus (Lec.) 66–21 82. lustrans Csy. 08–261 83. tulareanus Csy. 08–261 84. zephyrinus Csy. 86–175 mendocino Csy. 86–174 a. speculum Csy. 86–176 85. cicatricosus (Bndl.) 90–15 86. pygidialis Csy. 93–470 87. denticauda Csy. 93–471	Pa. O. Ga. Pa. O. Ind. Pa. N.C. Ind. Ga. Ind. N.C. Cal. No.Cal. Idaho. Cal. B.C. [Vanc. Cal. Cal. Cal. Cal. Cal. Cal. Cal. Cal	6200. globosus (Lcc.) 50–100 01. spretus (Lec.) 50–100 02. foveicornis Csy. 87–462 03. cavicornis Csy. 97–579 04. punetifrons Csy. 87–463 05. appalachianus Csy. 08–262 06. virginia Csy. 84–90 07. furcatus Bndl. 90–82 08. sinuatifrons Bndl. 93–280 09. elypconotus Bndl. 93–280 10. luculentus Csy. 87–460 11. denticollis Csy. 84–89 12. triangulifer Bndl. 90–29 spinifer Bndl. 87–205 13. nigricans (Lec.) 50–99 14. schmitti Csy. 97–581 15. tridens Csy. 08–263	Conn. Conn. Fla.Ind. [Vt. Va.O.Ky.Ga. Vt. Ind. Tenn. O.Ind. Pa.O. Pa. Va. Ind. Pa. Tenn. La. D.C. Ia. D.C. N.Y. L.I. [Ill. L.I. S.C.Ind.Conn. Pa. Mo.

Batrisodes Reitt.

6216. striatus (Lec.) 50–99	Pa. Ga. Cal. Mass. Mich.	6217. caseyi Dury 10–64	O. Ind.
cephalotes Csy. 87–459	N.Y.	Euphalepsus Reitt. 83-378	
aterrimus Csy. 84–91	Mass.	6218. dentipes Raffr. 04–184	La.
simplex (Lec.) 78–598	Mich.		
	Вкасну	GLUTINI	
Scalenarthrus Lcc. 80–185		Reichenbachia Leach.	
(Cylindrembolus Schauf. 87	-103)	6252. canadensis Bndl. 87–206	Can. Ind.
(Abryxis Raffr. 90–119)	4 : Q Q 1	53. cylindrartus (Bndl.) 93–279	
6219. horni Lec. 80–185	Ariz. So.Cal.	54. radians Lec. 80–182 55. subsimilis Csy. 97–594	Ill. Ind. Ia.
Pselaptus Lcc. 80–184		56. atlantica Bndl. 66–113	La. Fla.
6220. belfragei Lec. 80–185	Tex. So.Cal.	57. divergens Lec. 80–182	Ia. Mass.
		58. ?trigona Lec. 80–183	Mo.
Eutrichites Lec. 80–184 6221. zonatus (Bndl.) 65–28		59. ?bicolor Bndl. 90–294 — minuta Bndl.?	la.
zimmermanni Lec. 80–184	Va. D.C. Ga.	60. congener (Bndl.) 65–257	Ia. Mass.
	Tex.	61. facilis Csy. 84–87	L.I.
		62. scabra Bndl. 65–29	N. Am.
Anchylarthron Bndl. 87–208 (Verticinotus Bndl. 90–2)		63. cribricollis Bndl. 90–291 64. rubicunda Aubé 44–116	N.Atl. St. Pa. N.Y. Ga.
6222. cornutum Bndl. 65–31	Ill. Ia. N.C.	04. Tubiculida Aube 44–110	Fla.Conn.Ind.
♀ inornatum Bndl. 65–258		65. fusciventris Csy. 97–599	N.Y.
23. curtipenne Csy. 97–611	Ia.	66. insolita Csy. 97–597	R.I.
24. caviceps Csy. 97–612	Fla.	67. semirugosa Bndl. 95–183	Pa.
Nisaxis Csy. 86–183		68. kansana Csy. 97–595 69. gracilis Csy. 84–32	Kan. MichLa.Ind.
6225. tomentosa(Aubé) 33–93	N.Am. Conn.	70. ursina Csy. 97–596	Mo.
a. cincinnata Csy. 87–466	Tex. Ill. Neb.	71. gracilicornis Csy. 86–190	Tex.
26. maritima Csy. 87–468	Tex.	72. inepta Csy. 93–484	N.J.
27. parviceps Csy. 97–610 28. caudata Schffr. 05–124	Neb. Tex.	73. sodalis Csy. 97–598 74. peregrinator Csy. 97–599	Ark. NebDak.
20. caddata Schiii. 00 121	1011	75. furtiva Csy. 93–483	Pa.
Briaraxis Bndl. 94–158	a•	76. puncticollis Lec. 50–87	E.of Miss.N.J.
6229. depressa Bndl. 94–159	So. Fla.	77. borealis Csy. 97–601	Fla. Conn.
Brachygluta ¹ Thoms. 59-54		77. boreans Csy. 97–601 78. corporalis Csy. 97–600	Can. Mass. Mich. Can.
(Bryaxis ‡ Aubé 33–23 ncc	Leach)	79. inopia Csy. 84–33	Fla.
(Nisa Csy. 86–182)	3.6 37.37	litoralis Bndl. 90–296	Tex. Va.
6230. abdominalis (Aubé) 33–27	Mass.N.Y. Atl. St. Conn.	80. distans Csy. 97–602 81. demissa Csy. 93–485	Can. D.C.
dentata Aubé nec Say.	Au. St. Com.	82. procera Csy. 97–604	?Ia.
31. floridana Bndl. 65–257	Fla.	83. pygidialis Raffr. 04–160	N.Am.
32. intermedia Bndl. 90–279	Atl. St.	84. arcifer Csy. 97–604	Kan.
33. labyrinthea Csy. 93–477 34. ulkei Bndl. 66–193	N.Y. D.C. Md. Va.	85. sagax Lec. 80–183 86. wickhami (Bndl.) 93–280	So.Cal. Colo.
35. illinoisensis Bndl. 65–257	N.Am. Ind.	87. subtilis Lec. 51–215	Cal.
36. dentata (Say) 24–99	Mass.N.Y.Atl.	88. ?nevadensis Csy. 86–191	Nev.
37. intricata Csy. 93–479	N.Y. [St.Fla.	89. informis Csy. 86–189	Cal.
38. terebrata Csy. 93–481 perforata (Bndl.) 66–192	N.Y.N.J.L.I. [Conn.	90. arthritica Bndl. 94–159 91. tumidicornis Csy. 86–187	Cal. So.Cal.
39. foveata Lec. 51–215	So.Cal. Ut.	92. tumorosa Csy. 86–186	Cal.
40. arguta (Csy.) 97–585	Mich. Pa.	93. deformata Lec. 80–183	So.Cal.
41. belfragei Lec. 80–181	La. Tex.	94. taphrocera Csy. 97–605	Cal.
42. infinita Csy. 86–184 43. loripes Csy. 93–480	Tex. So.Cal.	deformata Csy. nec Lec. 95. caseyi Raffr. 04–240	So.Colo.
44. texana Csy. 86–183	Tex. N.Mex.	articularis Csy. 97–608	50.00.
45. arizonæ Csy. 87–465	Ariz.	96. fundata Csy. 86–182	Cal.
46. jacobina Csy. 08–259	So.Cal.	americana Raffr. 04–241	V
47. luniger Lec. 50–87 48. cavicornis Bndl. 65–30	Mass.Md.Va. Va. Ind. [Fla.	97. binodifer Csy. 97–608 98. polita Bndl. 90–297	Vanc. N.Y.
49. perpunctata Bndl. 90–275	Ga.	99. fusticornis Csy. 97–608	No.Cal.
50. elegans Bndl. 90–276	Ariz.	6300. spatulifer Csy. 97–609	Can.
Paighanhaghia I am 1 05 451		01. propingua Lec. 50–88	L.Sup.Mass.
Reichenbachia Leach 25–451 (Bryaxis auct. pars)		02. tumida Lec. 80–183 ? ♀ complectens Lec. 80–183	Tex. [Mich.
6251. gemmifer Lec. 80–182	Ia.Mich. Ind.	03. albionica Mots. 45–43	Cal.
1		1 10 1 1 1	

Batrisodes Reitt.

¹ Parentheses omitted under Brachygluta.

Reichenbachia Leach 6304. dilatipes Schfr. 06–262 05. compar Lec. 51–215 franciscana Csy. 86–193 06. falli Csy. 97–606 07. turgidicornis Csy. 97–607 08. depressifrons(Bndl.)93–279 Rybaxis Sauley 74–136 (Bryaxis Leach 17–85) 6309. valida Bndl. 90–273 sanguinca Leach ‡ Lec. 80– 10. conjuncta Lec. 50–85 a. of truncaticornis Bndl. 90–11. clavata (Bndl.) 66–196 brendeli (Lec.) 80–181 12. mystica Csy. 93–476 13. varicornis Bndl. 90–274	N.Y.Ill. Ind. 181 Eur. Sib. Can.Mass.Atl. StId.Mich.	Decarthron Bndl. 65–30 6314. formiceti (Lec.) 50–90 velutinum (Lec.) 50–86 15 stigmosumdl. 65–21 16. scarificatum Bndl. 93–278 17. abnorme (Lec.) 50–89 18. laurenticum Csy. 97–584 19. brendeli Csy. 87–464 20. longulum (Lec.) 50–89 21. exsectum Bndl. 65–32 22. strenuum Bndl. 65–32 23. discolor Bndl. 90–265 24. marinum Bndl. 93–278 25. seriepuncta†um Bndl. 93–278 25. seriepuncta†um Bndl. 93–278 26. glaber Lec. 50–90 6326. glaber Lec. 50–90 27. rufus Lec. 63–28	Pa. La. Fla. N.J. [Conn. E.St.& Can. Can.Ia. E.St.&Can. Fla. Can. Mass. Ind.Tex.Cal. So.Cal. N.Y. L.Sup. No.St.Fla.[Ct. Pa. N.J. N.Mex. La. Miss. 78 Tenn. La.S.C. Fla. Ala. Fla.		
	Tycı	INI			
Dalmodes Reitt. 81–19 6328. schaufussi Raffr. 96–266 Machærodes Bndl. 90–252 (Bythinus ‡ auct.) 6329. carinatus Bndl. 65–29 Bythinopsis Raffr. 08–282 6330. tychoides (Bndl.) 65–259 bythinoides (Bndl.) 90–253 31. carolinæ (Csy.) 97–614 Pselaptrichus Bndl. 89–194 6332. tuberculipalpus Bndl. 89–194 6333. minor Lec. 50–82 testaceus Csy. 84–31 34. pocahontas Csy. 97–615 35. cognatus Lec. 74–50	?La. CanVa. Pa. N.C. 94 Cal. L.SupGa. Ind.Mass. [N.Y. Va. Vanc.	Tychus Leach 6336. sonomæ Csy. 87–469 37. verticalis Csy. 93–492 38. spiculifer Csy. 93–491 39. sternalis Raffr. 04–268 40. puberulus Lec. 51–214 41. hexagonus Csy. 97–616 42. tenellus Lec. 51–214 43. microphthalmus Bndl. 93–2 Cylindrarctus Schauf. 87–91 6344. longipalpis (Lcc. 50–82) 45. americanus Schauf. 87–92 46. ludovicianus (Bndl.)93–277 47. comes Csy. 93–489 48. crinifer Csy. 93–489 Valda Csy. 93–493	Colo. B.C.Colo.Fla. Ind. L. Sup. Ill. La. Miss. Fla. Ind. Ia.		
bipuncticeps Csy. 87–470	Cal.	6349. frontalis Csy. 93–493	Cal.		
·	Psela	PHINI			
Pselaphus Hbst. 92–106 6350. bellax Csy. 93–495 51. erichsoni Lec. 50–81	MassIll. Conn. E.St. L.Sup.	Pselaphus Hbst. 6352. longiclavus Lec. 50–81 53. fustifer Csy. 93–495	IaLa.Fla. N.Y. N.J.		
ay 05 00	Holoz	CODINI			
Caccoplectus Sharp 87–22 6354. spinipes Schfr. 06–263	Tex.				
Ctenistini					
Anitro Car 02-400	CIENI				
Anitra Csy. 93–499 6355. glaberula Csy. 93–500 Biotus Csy. 87–456 6356. formicarius Csy. 87–456 Atinus Horn 68–127 (Chennium ‡ auct. nec Latr 6357. monilicornis (Bndl.) 66–196	0 Va. Tenn.	Pilopius Csy. 97-617 (Ctenistes auct. nec Reich.) (Sognorus Csy. ncc Reitt.) 6359. lacustris Csy. 97-619 60. saginatus Csy. 97-620 61. georgianus Csy. 97-621 62. piceus (Lec.) 50-79 63. iowensis Csy. 97-622 64. grapicellis Csy. 97-622	CanIa.Ind. CanMass. Ga. Vt. No.Atl.St. Pa. Fla.Conn. Ia.		
58. brevicornis Csy. 93–498	Tex.	64. granicollis Csy. 97–622	N.Y. L.I.		

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Pilopius Csy.	TU	Pilopius Csy.				
6365. floridanus Csy. 97–623 66. zimmermanni (Lec.) 50–79	Fla. La. Ga. Fla.	?(Sognorus Reitt. 82–202) 6371. ocularis (Csy.) 93–502	Ariz.			
oov zammermenim (zeev) oo vo	Ind.	72. abruptus (Csy.) 93–502	Ariz.			
67. consobrinus (Lcc.) 50–79	Ga.E.ofMiss. N.J. Va.	Ctenisis Raffr. 90–143				
68. cinderella Csy. 97–624	Tex.	(Desmia ‡ Reitt. 82–202)				
69. impressipennis Csy. 97–624	Tex.	6373. raffrayi Csy. 93–503	Ariz.			
70. pulvereus (Lec.) 51–214	Pa.Cal.? Ariz.	dispar Raffr. 96–272	So.Cal.			
	Tyr	RINI				
Ceophyllus Lec. 50-73		Tyrus Aubé				
6374. monilis Lec. 50–73	E.U.S., O. Ill.	6380. carinifer Csy. 97–627	Ut.			
	Ind. Mich.	81. corticinus (Csy.) 87–458 82. humeralis (Aubé) 44–93	Cal. CanTenn.			
Cedius Lec. 50–75	O Ma Ia Pa	62. Inimerans (Inibe) 11 99	N.C. Fla.			
6375. ziegleri Lec. 50–75 76. robustus Csy. 97–626	O.Mo.Ia.Pa. D.C. [Ind.		L.Sup. Ind.			
77. spinosus Lec. 50–74	Pa.S.C.Ind.	compar Lec. 50–80	Man. Ga. S.C. Mo.			
Tmesiphorus Lec. 50–75	Ala. Pa.Ga.	83. semiruber Csy. 97–629	L.Sup.			
6378. carinatus (Say) 24–97	Ind.Kan. O.	84. consimilis Csy. 97–629	Ky. Ind.			
79. costalis Lec. 50–77	Mo. Fla. MoPa. Fla.	Cercocerus Lec. 61-57	•			
a. rostratus Schauf. 87–296	[Ind.	(Hamotus Bndl. nec Aub				
Tyrus Aubé 33–15		(<i>Upoluna</i> Schauf. 86–283 6385. batrisoides Lec. 63–27	Pa. La. Ind.			
(Pytna Csy. 87–457)		flavitarsis Schauf. 86–285	3			
(Pseudotyrus Raffr. 90–146))	elongatus (Bndl.?) 90–239	Ariz.			
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Fustiger Bndl. 66–189 (Commatocerus Raffr. 82–1)		Adranes Lec. 50–83 6388. cœcus Lec. 50–83	Pa.Ga.Ill.			
(Commatocerius Wasm. 97		89. lecontei Bndl. 65–255	Miss. Ind.			
(Articerus ‡ Dalman 25–398		90. taylori Wickh. 01–27	Or. Vanc.			
6386. fuchsi Bndl. 66–190 a. californicus Bndl. 89–197	Tenn. Ariz. So.Cal. [Ind.	91. pacificus Wickh. 01–26 92. dietzi Schfr. 06–265	Cal. Cal.			
87. knausi Schfr. 06–264	N.Mex.					
		<u> </u>				
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	TRICHOPT	TERYGIDÆ				
Matthew	s 84; Casey 84, 8	85, 86; Flach 89; Csiki 11				
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Nossidium Er. 45–17		Micridium Mots. 69–188				
6393. americanum Mots. 68–191 94. posthumum Matth. 74–298	U.S. Ind. Ga. U.S. [Fla.	6405. lincatum (Lec.) 63–63	Ala. La.			
95. amænum Mots. 68–192	U.S. [Fia.	Ptilium Er. 45–26				
Nanosella Mots. 68–172		6406. sharpi Matth. 72–101	Vanc.			
6396. fungi Lec. 63–62	U.S. O. Ala.	07. columbianum Matth. 77–1	.69 B.C. Cal.			
97. atrocephala Dury 16–140	O.	08. humile Matth. 77-170	Cal.			
Actidium Matth. 68-12		09. obscurum Matth. 77–171	B.C.			
6398. politum Matth. 77–168 99. crotchianum Matth. 77–168	Cal.	10. hornianum Matth. 84–143 11. fungicola Csy. 84–162	Tex. Pa.			
6400. robustulum Csy. 85–324	Cal.	12. truncatum Csy. 84–163	Pa.			
01. granulosum Csy. 85–324	Cal.	13. sulcatum Csy. 86–248 14. solidum (Mots.) 68–183	Tex. N.Am.			
02. attenuatum Csy. 85–325 03. rotundicolle Csy. 86–248	Cal. Tex.		IV.AIII.			
	2011	Ptenidium Er. 45–34	D.C.			
Motschulskium Matth. 72–72 6404. sinuatocolle Matth. 72–74	Cal. So.Cal.	6415. ulkei Matth. 84–151 16. speculifer Matth. 84–151	D.C. Mass.			
		-c. of tourist statem of 101	2.2000			

Ptenidium Er.	T 0 N 1	Ptenidium Er.	G' 1
6417. pusillum Gyll. 08–189	Eur. & N.Am.	6423. caseyanum Matth. 89–194	
	Ind. Pa.Colo. Mich. Can.	— macrocephalum Nictn. 56-3	India,N.Am. ?
cvanescens (Marsh.) 02-126			111010,21111111111111111111111111111111
apicale Er. 45–36	Md.	Ptiliola Hald. 49–109	
terminale Hald. 49–109	N.Am.	(Ptiliolum Flach 88–291)	> T . A
18. ?atomaroides Mots. 68–191		6424. collani Mann. 53–200	N.Am.
19. pullum Mäkl. 52–340 20. mannerheimi Matth. 72–83	Alas. So.Cal.	bollani err. typ. canadense Lec. 63–62	Can. L.Sup.
21. foveicolle Lec. 63–63	La. Fla.	25. posticum Mots. 68–186	N.Am.
22. glabratum Mots. 68–191	N.Y.	20. posticum 1.10ts. 00 100	11.711111
	ACRATE	ICHINI	
DA DAT 441 FO CO17	HORATI		
Pteryx Matth. 58–6017 6426. brunnea (Lec.) 63–62	Ga. L.Sup.	Acratrichis Mots. .6454. atomaria (DeG.) 74–218	U.S. Eur.&
27. balteata (Lec.) 63–62	Ga. D.Sup.	.0494. atomana (Dec.) 74-218	N.Am.
dimidiata Mots. 68–183	~ · ·	55. discolor Hald. 49–108	U.S. N.& So.
28. duvali Matth. 72–164	U.S.	56. fungina Csy. 84–164	Pa. [Am.
29. perforata Mots. 68–182	N.Am.	57. dohrni Matth. 72–144	U.S.
D		fuscipennis ‡ Hald. 49–108	N.Am. N.Y.
Ptinellodes Matth. 72–150	II C TAL	58. glabricollis Matth. 66–143	U.S. N.Y.
6430. lecontei G. & H. 68–746	U.S. Fla. Ga. L.Sup.	59. haldcmani Lec. 63–29 rotundata ‡ Hald. 49–109	U.S. Ind. N.Y.
testacea ‡ Lec. 63–62	Ga. Libup.	quadrangula Mots. 68–173	11.1.
Acratrichis Mots. 50-236		60. schaumi Matth. 66–143	La.
(Trichopteryx Kby. 19-40))	61. radicola Csy. 84–163	Del.
6431. aubei Matth. 72–117	D.C. & S Am.	62. crotchi Matth. 65–248	Cosmop.
32. mœrens Matth. 74–298	U.S. Ind.	63. grossa Mots. 68–170	C.Am. N.Am.
33. aspera Hald. 49–109	U.S. N.Y.	64. tesserula Matth. 89–193	Cal.
34. parallela Mots. 68–176	D.C.	65. nanula Mots. 68–175	N.Y.
35. longipennis Csy. 84–166 36. vicina Matth. 77–172	Pa. B.C.& C.Am.	(Ctcnopteryx Flach 89–517)	
37. castanca Matth. 77–173	B.C.	66. montandoni Allib. 44–52	Eur. & N.Am.
38. scricans Hecr 41–375	Eur.& N.Am.	67. grandicollis Mann. 44–181	Eur.&.N.Am.
	Can.	Smicrus Matth. 72–110	
ambigua Matth. 65–177	U.S. N.Y.	6468. filicornis (Fairm.) 54–338	U.S. So.Am.
39. californica Matth. 77–174	Cal.	(1 to 1 to	Ind.So.Cal.
40. horni Matth. 72–176	Ariz.	69. americanus Csy. 86–249	Tex. [Mich.
41. xanthocera Matth. 77–174 42. parallelopipeda Matth. 77–1	B.C.	DAI 11- M. 1 45 505	
42. paranciopipetta Matth. 77	B.C.	Ptinella Mots. 45–505	Ga.Ind.L.Sup.
43. diffinis Matth. 72-132	U.S.	6470. quercus (Lec.) 63–63 ♂ nigrovittis Lec. 63–63 ♀	La. Fla.
44. josephi Matth. 72–132	Vanc.	pallidula Mots. 68–184	170. 1 70.
45. fascicularis Hbst. 93-8	U.S. & Eur.	71. pini (Lec.) 63–63 ♂	Ga. Fla.
46. subnitida Mots. 68–180	N.Am.		
47. suffocata Halid. 55–123 ?atrata Mots. 45–530	Eur. & Alas.	Nephanes Thoms. 59–62	Le Ple
48. cognata Matth. 77–176	B.C.	6472. keviusculus Matth. 66–148 castanopterus (Mots.) 68–13	
49. abrupta Hald. 49–108	N.Am.	gibbula (Mots.) 68–183	30
50. henrici Matth. 72–135	Vanc.	73. flaviventris (Mots.) 68–183	C.Am. N.Y.
51. sitkaensis (Mots.) 45–526	Alas.		
insularis Mäkl. 52–339	Alas.	Actinopteryx Matth. 72–59	T)
52. crassicollis Mäkl. 66–144	U.S. La.	6474. fucicola Allib. 44–52	France N.Am.
53. laticollis Mäkl. 52–339	So.Cal. Alas.		Fla. Va.
	LIMULO	DINÆ	
Limulodes Matth. 67-409			
	U.S. Ind. Fla.		
	Ariz. N.Y. D.C.		
	SPHÆI	RIIDÆ	
	Matthe		
G-1	Matthe	Cohoming Waltl	

Sphærius Waltl 38–272		Sphærius Waltl	1
(Microsporus Kol. 46-64)		b. lucidus Csy. 00–67	Wash.
6476. scutellaris (Lec.) 78–599	N.Am.	6477. texanus Matth. 99–213	
a. piceus Csy, 00-67	N.Y.O.	78. politus Horn 68–132	So.Cal.

HISTERIDÆ

SCAPHIDIIDÆ

Reitter 80; Casey 93, 00; Csiki 10

SCAPHIDIINI

Scaphium Kby. 37–108		Scaphidium Oliv.	
6479. castanipes Kby. 37–109	L.Sup.	c. obliteratum Lec. 60–332	Ind. R.I.
o are a constant of the consta	•	d. piceum Melsh. 46–103	Ia. Ind. R.I.
Scaphidium Oliv. 90-1		amplum Csy. 00–56	Ind.
	/ID 9	ampium Osy. 00 00	III.
6480. antennatum Reit. 80–37	Tex.?		
81. ornatum Csy. 00–56	Colo.?	Cyparium Er. 45–3	
82. quadriguttatum Say 23–198	8 N.JKan.	6483. ater Csy. 00–56	Tex.
a. quadrinotatum Cast. 51–19	[Conn. L.Sup.	84. flavipes Lec. 60–322	O. N.C. Fla.
b. quadripustulatum Say 23	3–198	substriatum Reit. 80–42	Ala.
1 1 W			
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Scaphisomini

		O111 111	DOMESTI	
Scap	hisoma Leach 15–89		Scaphisoma Leach	
$648\bar{5}.$	apicale Horn 73–363	Cal.	6509. lacustris Csy. 00–59	L.Sup.
	arkansanum Csy. 93–524	Ark.	10. nugator Csy. 00–59	Ia.
87.	carolinæ Csy. 93–524	N.C.	11. pusillum (Lec.) 60–323	Ia.N.C.R.I.
	castaneum Mots. 45–361	So.Cal.B.C.Id.	-	L.Sup. Fla.
		Ut.	dimidiatum Csy. 00–59	R.I. Ariz.
89.	convexum Say 25–183	Mich. Fla.	·	
		Ind.AtlMo.	Bæocera Er. 45-4	
90.	desertorum Csy. 93–524	Ariz. Tex.	6512. abdominalis Csy. 00–58	Mass.
91.	evanescens Csy. 93–524	Ia. Tex.	13. apicalis Lec. 60–323	R.I. Mich.Ind.
92.	ornatum Fall 10–117	Ala.	•	Pa.
93.	carolinæ Dury 11–275	N.C.	14. punctipennis Blatch.10-494	Ind.
94.	impunctatum Reit. 80-46	Mo.	15. concolor (Fab.) 01–576	Ind. Pa.Ill.
	repandum Csy. 93–523	Ia. Mo. Mass.		D.C.
	inconspicuum Csy. 93–524	Fla.	16. congener Csy. 93–515	Ind.L.I.N.C.
	læve Reit. 80–47	N.Am.		Ia.
97.	obesulum Csy. 93–524	Fla.	17. deflexa Csy: 93–515	Ind. R.I. Va.
	peninsulare Horn 73–363	Cal.	18. discolor Csy. 00–58	Mich.
	punctulatum Lec. 60–323	Ind. Ga. Fla.	19. nana Csy. 93–516	R.I.Mich.Tex.
	dakotanum Fall 10–116	N.Dak.	20. pallida Csy. 00–58	Pa.
	semiopacum Fall 10–117	Tex.	21. picea Csy. 93–516	Ind. Pa. Mich.
	rubens Csy. 93–524	Mass. L.I.	22. robustula Csy. 93–515	Tex.
	rufulum Lec. 60–323	Ariz.So.Cal.	23. rubriventris Csy. 00–58	R.I.
04.	suturale Lec. 60–323	Ind. Mo. N.C.	24. speculifer Csy. 93–515	<u>Ia</u> .
		Conn. L.Sup.	25. texana Csy. 93–516	Tex.
	distinctum Blatch. 10-496	Ind.	26. humeralis Fall 10–116	Wash. Ariz.
06.	terminatum Melsh. 46–104	Ind. N.Y. Fla.		
		L.Sup.	Toxidium Lec. 60–324	
	(Scaphiomicrus Csy. 00–58)		6527. compressum Zimm. 69–251	
	exiguum Csy. 00–59	Or.	20	Neb.
08.	flavescens Csy. 00–59	Mich.	28. gammaroides Lcc. 60–324	N.& C.Am. R.I. N.Y. Fla.
				zvizi z vizi i ta.

SPHÆRITIDÆ

Sphærites Duft. 05-205 6529. glabratus (Fab.) 92-73 politus Mann. 46-514

No.Eur. Alas. [Cal.

HISTERIDÆ

Paykull 11; Leconte 45, 59; Marseul 53, 62; Horn 73; Casey 93, 16; Bickhardt 10; Carnochan 17

HOLOLEPTINÆ

Carnochan 17

Hololepta Payk. 11-101		Hololepta Payk.	
(Hololepta Payk. s. str.)		fossularis Say 25-47 8	Fla. Tex. La.
6530. æqualis Say 25-47 Q	N.Y. Mich.	•	Man. Ind.
•	Kan.	6531. lucida Lec. 45-37	N.Y. Ind. Va.

Hololepta Payk.	77 0 0 1	Hololepta Payk.	
6532. populnca Lec. 51–163	UtSo. Cal.	platysma Er. 34–95	
bractca Mars. 53–157 (ne		flagellata Kby. 18–395	TM
a. punctata Carn. 17–382	Ariz.	a. floridæ Carn. 17–391	Fla.
— cxcisa Mars. 53–149	Mex. & U.S.?	b. minor Carn. 17–392	Fla.
— bractea Er. 34–91 — complemente (Recov.) 05–17	S.Am.&U.S.?	c. striatifera Carn. 17–392	Fla. Fla.
— complanata (Beauv.) 05–17	W.I. & U.S.?	6539. decimstriata Carn. 17–393 40. bifoveolata Carn. 17–393	Fla.
(Leionota Dej. 37–144)	W.I. & O.S.:	41. interrupta Mars. 53–214	Cuba, Fla.
(Lionota Mars. 53–196)		42. vicina Lec. 51–163	WashSo.Cal.
(Lioderma Mars. 57–469)		a. californica Carn. 17–395	Cal. [Ariz.
33. princeps Lec. 59–310	Cal.	b. neglecta Blaisd. 92–338	So.Cal.
34. yucateca Mars. 53–203 &	TexSo.Cal.	43. caseyi Carn. 17–396	Ariz.
grandis Mars. 53–204 ♀	[Ariz.		
35. pervalida Blaisd. 92–337	So.Cal.	Iliotona Carn. 17–396	
36. vernicis Csy. 93–534	Ariz.	6544. cacti (Lec.) 51–162	Mex. Tex.
37. sirpus Carn. 17–389	Ariz.		[Ariz. So.Cal.
38. quadridentata (Fab.) 92–74	So.Am. Mex.	45. beyeri Schffr. 07–302	L.Cal.
	HIST	RINÆ	
Histor L. 67-566		Histor L.	
(Spilodiscus Lew. 06–343		6577. planifrons Lew. 08–149	Vanc.
6546. arcuatus Say 25–34	Atl. Coast.	78. fractifrons Csy. 93–543	Cal. Or.
47. sellatus Lec. 57–35	Cal.	79. pluto Csy. 93–542	Or.
sennevillei Mars. 57–422	YT.	80. oblitus Csy. 16–216	Kan.
48. semiruber Csy. 93–539	Ut.	81. mormon Csy. 93–543	Ut.
49. subcruentus Csy. 16–208	N.Mex.	82. felipæ Lew. 01–373	Ia.
50. solaris Carn. 15–144	Wash.Or.Wy. Nev.	83. rectus Csy. 16–215	Kan.
51. ulkei Horn 70–134	N.Mex.Wy.	***	
01: uixci 1101ii 10 104	Ariz.	84. umbilicatus Csy. 93–545	Cal.
arizonæ Horn 70–135	Ariz.	85. umbratilis Csy. 16–217	Cal.
52. coruscans Csy. 16–210	Kan.	86. fœdatus Lec. 45–50	Ind.CanGa
53. sculpticauda Csy. 93–540	N.Mex.	87. texensis Csy. 16–217	Tex. [Or.
54. biplagiatus Lec. 45–25	ConnKan.	88. hudsonicus Csy. 93–546	N.Y.
. 0	Ind.	89. umbrosus Csy. 93–547 90. unicus Csy. 93–547	Or. N.Y.
a. instratus Lec. 59–7	Kan. Ariz.	91. marginicollis Lec. 45–58	M.St. Ind.
55. iowensis Csy. 16–211	Ia.	92. cognatus Lec. 45–58	M.St.Can.Ill.
56. militaris Horn 70–135	Ariz. So.Cal.	93. remotus Lec. 59–70	Cal.Or. [Wis.
57. quadratulus Csy. 16–212	N.Mex.	****	C41.01.
58. bilobatus Csy. 16–291	N.Mex.		C lear m
59. sarcinatus Lew. 98–169	Ariz.	94. cœnosus Er. 34–154	Gulf St. Fla.
60. tunicatus Lew. 98–170	Colo.	decisus Lec. 45–51	
61. oregonus Csy. 93–549	Or.	?repletus Lec. 45–49 95. punctifer Payk. 11–25	M C+ Dwaril
a. simplicipes Fall 01–235	So.Cal.	?thoracicus Payk. 11–20	M.St. Brazil. N.Am.? Spain.
62. electus Csy. 93–548 63. gloveri Horn 70–134	Wash. Kan. Okla.	96. abbreviatus Fab. 75–53	Ind.M.StGa.
64. lucanus Horn 73–283	L.Cal.So.Cal.	subhemisphæricus Beauv. (
711 140M145 110111 10 205	2.04	bifidus Say 25–34	Fla. Kan.
$(\mathit{Hister} \mathrm{\ s.str.})$		crenicollis Flach 86–245	
*		97. civilis Lec. 45–55	M.St. Ill.Ind.
65. lævipes Germ. 24–87	PaGa. Fla.	*****	
**		98. semisčulptus Lec. 63–60	Ill.
66. maritimus Csy. 16–214	Cal.	99. dispar Lec. 45–57	M.St. Ga.Ill.
67. sexstriatus Lec. 51–163	Cal.	hospitus Lec 59–312	[Kan.
68. jacobianus Csy. 16–215	Cal.	6600. puncticollis Schffr. 12–26	W.Va.
***		01. furtivus Lec. 59–313	CanGa.Ind.
69. harrisi Kby. 37–124	ConnGa.Ind.	02. incertus Mars. 54–269	Ind.M.St.Fla.
70. stygicus Lec. 45–48	Ga. Ind.	03. nitens Csy. 16–286	Tex. Kan.
71. interruptus Beauv. 05–180	Conn. Mich.	04. rotundus Csy. 16–286	Ala. La. Tex.
72. obtusatus Harris 37–76	MassVa.	a. subinteger Csy. 16–286	Tex.
virginiæ Csy. 93–541	Va.	05. orbiculus Csy. 16–287	Ala.
73. immunis Er. 34–143	Ind.M.St.	a. fretus Csy. 16–287	Miss.
74. memnonius Say 25–32	Pa.Mass.[Cal.?	06. depurator Say 25–33	CanGa. Fla.
	Mich. Ind.	paykulli Kby. 37–123	[Ind. Ariz.
?merdarius Hoffm.03-37	Eur.&M.St.	spretus Lec. 45–53	
75. egregius Csy. 16–288	Conn.Mich.	07. osculatus Blatch. 10–607	Ind.
76. fidelis Csy. 16–289	Or.	08. pe rbrevis Csy. 16–220	Mich.

Histe		D. I. D.	Teretrius Er.	G 1m A t
	circinans Csy. 16–220	R.I. Pa.	6647. levatus Horn 94–365	Cal.Tex.Ariz.
	humilis Fall 10–120	Ariz.	48. minutus Csy. 16–278	No.Atl.St.?
	lacustris Csy. 16–221	Mich. Pa. Ill. Mich.	49. obliqulus Lec. 57–36	Cal. Nev.So.Cal.
14.	curtatus Lec. 45–54 ?haldemani Mars. 60–547	ra. III. Mileii.	50. placitus Horn 80–143	Nev.So.Car.
	*******		Platysoma Leach 17–77	
		~ ~ ~ ~	6651. carolinum (Payk.) 11–45	Ind.M.St
13.	defectus Lec. 59–312	Ga. S.C. Fla.	0031. Caronnum (1 ayk.) 11-43	N.Mex.Fla.
1.4	permixtus Zimm. 69–252	731	sordidum Say 25–44	[Conn.
	nanulus Csy. 16–224	Fla.	cinnamomeum White 46–8	[Com.
	fungicola Schffr. 12–27	N.J. N.C.	52. aurelianum Horn 73–279	La.Ind.Fla.
	carinifrons Schffr. 12–26	Fla. N.C.Ga. Fla.	53. depressum Lec. 45–40	Ind.Atl. St.
	indistinctus Say 25–35 servus Er. 34–147	Ariz.Ind.W.I.		Mich. So.Cal.
10.	Sci vus 121. 34 141	Fla.	lecontci Mars. 53-273	
19.	densicauda Csy. 16–222	?So. Atl. St.	54. pinorum Csy. 16–202	N.C.
	cribricauda Csy. 16–222	Kan.	55. tabellum Csy. 93–551	Cal.
	temporalis Fall 10–120	Ariz.	56. æquum Lec. 63–61	Ga. Ind.
	<u> </u>		frontale Say 25–43	751 1 0 7 1
22.	cdnæ Carn. 15–144	N.C.	57. basalc Lec. 61–343	Mich.O.Ind.
	*****		(Cylistosoma Lew. 05–302)	
			58. parallelum Say 25–42	Ga.S.C.Fla.
	(Peranus Lew. 06–401)		hcydeni Flach 86–245	[Mich.
99	(Atholister Reit. 09–286) bimaculatus L. 58–358	Eur. &N. Am.	quadrifera Csy. 16–202	N.C.Ala.
20.	billiaculatus L. 55–558	So.Cal.	59. coarctatum Lcc. 45-41	Ind.CanFla.
	obliquus Say 25–37	M. St. Ind.	60. punctigerum Lec. 61–343	Cal. Ariz.
		141. Mr. 11101.		
	******		Cylistix Mars. 57–474	
	(Atholus Thoms, 62–228, pa		6661. cylindrica (Payk.) 11–91	MassTex.
	sedceimstriatus Say 25–36	M.St.Can.Ind.		Fla. Mich.
	davisi Schffr. 08–318	N.J.	62. attenuata Lec. 45–42	N.C. Ga. Fla.
	ambigena Lec. 59–313	Vt.	elongata Beauv. 07–178	
27.	americanus Payk. 11–31	Can.Ga.Kan.	63. gracilis Lec. 45–41	M.St.Ind.
	namlawa I a - 69 61	Ind. Fla.	m1 11 1 7/ 10 100	
a.	perplexus Lec. 63–61	Ind. Can. M.St.Wis.Fla.	Phelister Mars. 53–462	A.1
15	cxaratus Lec. 45–59	Ga. Ind.	6664. sayi Carn. 15–213	Ala.
	gagates Fall 10–121	Cal. Wash.	65. simplex Csy. 16–230	Tex.
	diffractus Csy. 16–225	Kan.	66. subrotundus Say 25–39	CanTex. Fla. N.Y. [Ind.
	biabbreviatus Csy. 16–225	N.Y.	a. frosti Carn. 15–213 b. rubricatus Lew. 08–158	N.Y. [Ind. Wis.Ia.
	nubilus Lec. 59–7	Kan. Ind.	67. contractus Csy. 16–231	Tex.
	pollutus Lec. 59–7	Kan. Ind.	68. geometricus Csy. 10 231	Tex.
	abducens Csy. 16–226	Tex.	69. atrolucens Csy. 16–232	Tex.
	vestigialis Csy. 16–227	Tex.	70. mobilensis Csy. 16–232	Ala. Fla.
	lævicauda Csy. 16–227	Kan.	71. pimalis Csy. 16–233	Ariz.
	fluviatilis Csy. 16–228	Mo. Miss.		
	relictus Mars. 70–89		12. previstriatus Csv. 10–255	Arız.
		N.Am.	72. brevistriatus Csy. 16–233 73. vernus (Say) 25–40	Ariz. Fla.L.ITex.
	?corvinus Zimm. 69–252	S.C.	72. brevistriatus Csy. 16–233 73. vernus (Say) 25–40 74. saunieri Mars. 61–162	
	?corvinus Zimm. 69–252 bisquinquestriatus Germ. 13	S.C. 3–120	73. vcrnus (Say) 25–40	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La.
	bisquinquestriatus Germ. 1	S.C. 3–120 N.Am.	73. vernus (Say) 25–40 74. saunieri Mars. 61–162 75. venustus (Lec.) 51–163 76. æneomicans Horn 73–295	Fla.L.ITex. N.Y. [Ind.
_	bisquinquestriatus Germ. 1: californicus Mars. 54–544	S.C. 3–120 N.Am. Cal.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lec.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La.
	bisquinquestriatus Germ. 1 californicus Mars. 54–544 sinuosus Lew. 00–231	S.C. 3–120 N.Am. Cal. N.Am.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y.
	bisquinquestriatus Germ. 1: californicus Mars. 54–544	S.C. 3–120 N.Am. Cal.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y.
	bisquinquestriatus Germ. 13 californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lee. 80–190	S.C. 3–120 N.Am. Cal. N.Am.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y.
	bisquinquestriatus Germ. 13 californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lee. 80–190 criosoma Horn 73–347	S.C. 3–120 N.Am. Cal. N.Am. N.Am.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 *	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y.
	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 criosoma Horn 73–347 americanum (Lec.) 59–316	S.C. 3–120 N.Am. Cal. N.Am.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y.
	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 criosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676	S.C. 3–120 N.Am. Cal. N.Am. N.Am.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala.
6637.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 criosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79	S.C. 3–120 N.Am. Cal. N.Am. N.Am. Fla.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz.
6637. 38.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 criosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347	S.C. 3-120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala.
38. 39.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 riosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61	S.C. 3–120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla. Tex. Can.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522 texanus Mars. 53–523	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz.
38. 39. 40.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 riosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61 horni Lew. 89–397	S.C. 3-120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla. Tex. Can. N.Am. Fla.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lcw. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522 texanus Mars. 53–523 lubricans Csy. 93–535	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz.
38. 39. 40. 41.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 riosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61 horni Lew. 89–397 latirostre Lew. 99–28	S.C. 3-120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla. Tex. Can. N.Am. Fla. N.Am. (U.S.?)	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lec.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522 texanus Mars. 53–523 lubricans Csy. 93–536 83. vitreolucens Csy. 93–536	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz. Fla.
38. 39. 40. 41. 42.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 riosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61 horni Lew. 89–397 latirostre Lew. 99–28 montanum (Horn) 80–143	S.C. 3-120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla. Tex. Can. N.Am. Fla. N.Am. (U.S.?) Colo.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lcc.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lcw. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522 texanus Mars. 53–523 lubricans Csy. 93–535	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz.
38. 39. 40. 41. 42. 43.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 riosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61 horni Lew. 89–397 latirostre Lew. 99–28	S.C. 3-120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla. Tex. Can. N.Am. Fla. N.Am. (U.S.?)	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lec.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522 texanus Mars. 53–523 lubricans Csy. 93–536 ?klugi Mars. 61–182	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz. Fla.
38. 39. 40. 41. 42. 43.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 riosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61 horni Lew. 89–397 latirostre Lew. 99–28 montanum (Horn) 80–143 pinguis Csy. 16–276	S.C. 3-120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla. Tex. Can. N.Am. Fla. N.Am. (U.S.?) Colo. Tex.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lec.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522 texanus Mars. 53–523 lubricans Csy. 93–535 83. vitreolucens Csy. 93–536 ?klugi Mars. 61–182 Psiloscelis Mars. 53–539	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz. Fla. Cuba.
38. 39. 40. 41. 42. 43. 44.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 criosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61 horni Lew. 89–397 latirostre Lew. 99–28 montanum (Horn) 80–143 pinguis Csy. 16–276 sexualc Schffr. 05–203	S.C. 3-120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla. Tex. Can. N.Am. Fla. N.Am. (U.S.?) Colo. Tex.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lec.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz. Fla. Cuba.
38. 39. 40. 41. 42. 43. 44.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 riosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61 horni Lew. 89–397 latirostre Lew. 99–28 montanum (Horn) 80–143 pinguis Csy. 16–276 sexuale Schffr. 05–203	S.C. 3-120 N.Am. Cal. N.Am. N.Am. Fla. M.St.Ind.Fla. Tex. Can. N.Am. Fla. N.Am. (U.S.?) Colo. Tex.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lec.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522 texanus Mars. 53–523 lubricans Csy. 93–535 83. vitreolucens Csy. 93–536 ?klugi Mars. 61–182 Psiloscelis Mars. 53–539 6684. harrisi Lec. 45–14 planipes Lec. 52–39	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz. Fla. Cuba.
38. 39. 40. 41. 42. 43. 44. Teret 6645.	californicus Mars. 54–544 sinuosus Lew. 00–231 tornatus Lec. 80–190 criosoma Horn 73–347 americanum (Lec.) 59–316 dissonans Mars. 62–676 picipes ‡ Lec. 45–79 chalybæum Horn 73–347 facetum Lew. 79–61 horni Lew. 89–397 latirostre Lew. 99–28 montanum (Horn) 80–143 pinguis Csy. 16–276 sexualc Schffr. 05–203	S.C. 3-120 N.Am. Cal. N.Am. Fla. N.Am. Fla. M.St.Ind.Fla. Tex. Can. N.Am. Fla. N.Am. (U.S.?) Colo. Tex. Tex.	73. vernus (Say) 25–40 74. saunicri Mars. 61–162 75. venustus (Lec.) 51–163 76. æneomicans Horn 73–295 77. chalybæus Csy. 16–234 78. hospes Lew. 02–236 79. conquisitus Lew. 02–235 80. carnochani Csy. 16–291 * 81. gentilis Horn 83–285 Omalodes Er. 34–114 6682. grossus Mars. 53–522	Fla.L.ITex. N.Y. [Ind. N.C.Ga.La. D.C. [Tex. La. N.Y. N.Y. Ala. Ariz. Fla. Cuba. MassGa. [Man.

Psiloscelis Mars. 6687. perpunctata Lee. 80–190	Mass.	Isolomalus Lew. 07–316 6724. bistriatus Er. 34–171	Ind.Kan.Atl.
88. subopaea Lee. 63–60 89. millepora Csy. 16–204 90. eorrosa Csy. 93–537	Neb. Vane. Wy. Wy.	25. teres Lee. 78–609 26. debilis Lee. 79–515 27. maneus Csy. 93–556	St.M.St. Mieh. Nfld. Colo. No.CalB.C.
Margarinotus Mars. 53–549 6691. guttifer Horn 62–187	NebTex.	28. seminulum Er. 34–171 29. ovulatus Csy. 16–246	Atl.St.M.St. Fla. Ind. Tex. Ky.
Epierus Er. 34–158 6692. regularis Beauv. 07–180	Fla. GaSo.	30. difficilis Horn 74–21 31. eomplexus Csy. 93–557	Cal. Ala. La. Fla.
nigrellus Say 25–38 a. vieinus Lee. 51–164 93. novellus Zimm. 69–253 94. floridanus Csy. 16–238	[Cal.Ind.Ariz. Ariz. N.C. Fla.	Dendrophilus Leach 17-76 6732. punctulatus Say 25-45 33. ealifornieus (Horn) 92-46	M.St. Ind. Cal. [Man.
95. oblongus Csy. 16–237 96. pulicarius Er. 34–162 minor Lee. 45–73 97. ovalis Csy. 16–240	Fla. Ga. Tex. [Ind. Miss.	Cærosternus Lee. 52–39 (<i>Tribalus</i> auet. nee Er.) 6734. americanus (Lee.) 45–64	Md. Tex. Ill.
98. elliptieus Lee. 59–313 99. wiekhami Lew. 98–172 6700. planulus Er. 54–162 decipiens Lee. 51–164	So.St. Ind. Venezuela. So.Cal.	Tribalister Horn 73–299 6735. marginellus (Lee.) 59–311 striatellus Fall 17–165	Md. (So.Cal.?) R.I.
nasutus Horn 73–301 oli 01. eornutus Csy. 93–552 oli 02. subtropieus Csy. 93–553 oli brunnipennis Mars. 54–697	So.Cal. Ariz. N.Mex. Fla. 7 So.Am.	Echinodes Zimm. 69–253 6736. decipiens Horn 83–286 37. setiger (Lee.) 59–316	Ariz. S.C. Ga.
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68. pusillus Lec. 45–50	N.C. S.C.Tex.	76. debilitans Csy. 93–560	Fla.
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80. parallelus Csy. 16–251	Va.	***	13.041.
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85. insignis Csy. 16–253	Ariz.	16. obscurus Lec. 51–166 17. floridæ Horn 73–318	So.Cal. Ariz.
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30. eaiguus (121.) 34-200	Fla L.I.La. Ia.	25. suffusus Csy. 16–259	Cal.
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92. sparsellus Csy. 16–250	N.C.	28. imperfectus Lec. 45–70	Pa.? Ind.
93. angustus Csy. 16–251	Ohio.	?concinnus Mots. 49–96	Sib.
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95. fimetarius Lec. 45–84	M.&S.St.		Colo.Ariz.Fla.
96. sallei Horn 73–355	Ga. La.		Ind. Ct.
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98. acaroides Mars. 56–618	So.St.		So.Cal.
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38.	conformis Lec. 45–72	Conn. PaGa.		illinoensis Wolc. 12–161	Ill.
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39.	placidus Er. 34–189	Ga. Mo.Fla.		sparsus Csy. 16–270	Fla.
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41.	simulatus Blatch. 10–621	Ind.	82.	ferrugineus Mars. 55-712	Tex. Fla.
42.	liticolus Fall 01–236	So.Cal.	83.	lustrans Csy. 16–269	Fla.
43.	parumpunctatus Lec. 59-7	Kan. Ariz.	84.	consobrinus Fall 01–237	So. Cal.
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47.	scissus Lec. 51–168	Cal.		parvus Csy. 16–273	So.Cal.
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48.	ciliatoides Fall 17–168	Nev.		fitchi Mars. 62–494	Ind. Mass. La.
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	laridus Lec. 51–168	Cal. Ariz.		laciniatus Csy. 16–275	N. Mex.
	detractus Csy. 93–569	Colo. Kan.	_	dentipes Mars. 55–728	Mex. So. Fla.
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	insertus Lec. 51–167	Cal. Or.	_	rugipennis Mars. 55–417	Cal.?
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58	lentus Csy. 93–567	Cal.	96.	patruelis Lec. 45–76	Ind. M. St
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67	fimbriatus Lec. 51–169	TexCal Ariz.	04.	sulcifrons Mann. 43–259	Cal.
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75.	sphæroides Lec. 45–78	M. St. Can.		ovulatus Csy. 16–256	Cal.
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15. fernandczi Dug. 80–175	Ariz. Tex.			Ind. Ariz. Ga.
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17. sanguincus Gorh. 84–226	No.Mex.Ariz.		mundus (Say) 35-155	Ga. Ind. [Or.
18. fulvellus Lec. 81–18	Colo.		(Erotides Waterh. 79–37)	
19. loripes (Chev.) 35–148	Ariz.	40.	sculptilis (Say) 35–156	So. St. Ind.
20. rubescens Schffr. 08–63	Ariz.		axillaris Melsh. 46–302	201211
21. femoratus Schffr. 11–120	Ariz.		oblitus Newn. 38–382	
22. simulans Schffr. 11-121	Ariz.	41	humeralis (Fab.) 01–111	Atl. St. Ind.
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23. sanguinipennis(Say)23–178	Colo. Arız.	49		[L. Sup.
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6924. inegalopteron Lec. 61–349	Or.		cruciatus (Rand.) 38–15	[L. Sup.
25. terminale (Say) 23–178	AtlCal. Ind.	Dlote	mar D 70, 10	
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26. reticulatum (Fab.) 75–203		45.	modestus (Say) 35–153	Fla. L.Sup. Pa.
typicum (Newn.) 38–380	[Fla. Mich.			Ind. Conn.
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b. apicale (Lec.) 51–75	A		socius (Lec.) 51–81	
27. retiferum Lec. 81–20	Ariz.		æger Lcc. 51–80	
28. tricarinatum Lec. 81–20	Ariz.		californicus Van D. 18–1	No. Cal.
		48.	sollicitus (Lec.) 51–83	Pa. Ga. Fla.
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6929. dimidiata (Fab.) 01–111	Atl. Conn.		nanus (Melsh.) 46–302	[Ind.
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30. amplicornis Lec. 81–22	Colo. Ariz.		vilis (Lec.) 51–83	
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6931. basalis Lec. 51–76			sanguinicollis Horn 94–379	L. Cal.
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6933. fraternus (Rand.) 38–15	N.Y.		chromus Guér. 33–158	G 1
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Eros Newn. 38–382		58.	perfacetus (Say) 25–21	Pa.Atl.St.Tex.
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6934. nigripes Schffr. 11–121	Minn.		ruficollis (Lec.) 75–172	Colo. Or.
35. thoracicus (Rand.) 38–14	Me. L.Sup.		dimidiatus (Lec.) 75–172	Cal. Nev.
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66. nigripennis Lec. 84–20 Calyptocephalus Gray 32–370 (Pollaclasis Newn. 38–382) (Polyclasis) Lec. 51–332)	Ariz.	Ginglymocladus Van D. 18–2 6969. discoidea Van D. 18–3 70. luteicollis Van D. 18–4	Cal. Cal.	
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(<i>Rileya</i> E. Oliv. 11–71) 6971. atra (Fab.) 92–101	Pa. N. Y. Ga.	b. lacustris (Lec.) 51–334	L.Sup. H.B.T.	
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6984. angulata (Say) 25–162 flavocincta (Lec.) 51–336	Fla.Can.Mass. [Ill. Ga. Ind.	92. umbratus Lec. 78–407 93. dimissus Lec. 81–35	Fla. Tex.	
85. borealis (Rand.) 38–16 86. ecostata (Lec.) 78–406	MeMont.Ind. Fla. N.J.	94. collustrans Lec. 78–407	Fla. Tex.	
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87. lucifera (Melsh.) 46–304	Mass. Pa. Tex. Ind.	96. pyralis (L.) 67–644	Pa. Ill. Tex.	
linearis (Lec.) 51–336 angustata (Lec.) 51–336	Mich. Ga. Fla.	centrata (Say) 25–162 rosata (Germ.) 24–62 versicolor‡ Mots. 53–39	[Ind.	
punctiventris (Lec.) 78–407		97. marginellus Lec. 51–335	Pa. Va. Tex. Conn.	
Photinus Lac. 57–321 (Pyrectosoma Mots. 52–38)		98. castus Lec. 51–335	Pa. Ga.	
6988. consanguineus Lec. 51–335	Mass. Pa. Va.	(Gynaptera Lec. 63–52)		
vittiger Lec. 51–336 zonatus Gemm. 70–120	[Ga. Fla. Ind.	(Macrolampis Mots. 53–37) 99. scintillans (Say) 25-163	Mass. Pa.	
89. lineellus Lcc. 51–335	Ga. Fla.		Kan. Ind.	
90. ardens Lec. 51–334 obscurellus Lec. 51–335	Mass. L. Sup. [Kan. Ind.	7000. frigidus E. Oliv. 88–54 — olivieri Lap. 33–141	Nfld. N.A.?	
tædifer Lec. 51–334	[xwm. thu.	pyralis Oliv. 90–17 nec. L.	. 112211	

LAMPYRINI

Microphotus Lec. 66–89		Microphotus Lec.	
7001. dilatatus Lec. 66–90 02. angustus Lec. 74–58	L. Cal. So. Cal. Colo.	7003. rinconis Fall 12–44 04. octarthrus Fall 12–45	So. Ariz. So. Ariz.
	Or. Fla.	a. pecosensis Fall 12–45	N. Mex.

142	CANTHA	ARIDÆ	
Microphotus Lec. 7005. decarthrus Fall 12–45 06. robustus E. Oliv. 11–79 07. abbreviatus E. Oliv. 12–26 08. fragilis E. Oliv. 12–26	So. Ariz. So. Cal. Ariz. Ariz.	Phausis Lec. 51–337 (Lamprorhiza ‡ Duv. 59–18 7009. splendidula (L.) 67–644 10. reticulata (Say) 25–163 11. inaccensa Lec. 78–611 12. riversi Lec. 87–20	Eur. Md. Ill.† Ga. Tenn. Tex. L. Sup. Ind. Cal.
	Рнот	JRINI	
Photuris Lec. 51–337 7013. pennsylvanica (DeG.) 74–52 versicolor (Fab.) 98–123 marginata (Panz.) 89–31 lineaticollis (Mots.) 54–59 vittigera (Mots.) 54–60	2 N.Y. Fla. Kan. Ind. Conn. Mich. Bahamas.	Photuris Lec. 7014. frontalis Lec. 51–337 15. divisa Lec. 51–337 congener Lec. 51–338	Ga. Fla. Tex. Kan.
	PHENGO	DIDAE ¹	
	Peyerimho	off, 1913	
	PTERO	,	
Pterotus Lec. 59–86 7016. obscuripennis Lec. 59–86	Cal. So. Cal.		
	Phenge	ODINI	•
Zarhipis Lec. 81–39 7017. integripennis Lec. 74–59 18. piciventris Lec. 81–39 19. ruficollis Lec. 81–39 20. riversi Horn 85–148 Phengodes Ill. 07–341 7021. picicollis Horn 91–40 22. fusciceps Lec. 61–186	Cal. So. Cal. Cal. Cal. Cal. Minn. Tex	Phengodes Ill. 7023. plumosa (Oliv.) 90–28 — ?longicornis ined. (Smith 0 — ?plumicornis Grif. 32 pl. 39 24. laticollis Lec. 81–39 25. sallei Lec. 81–39 26. bellus Barber 13–343 27. frontalis Lec. 81–39	Ga. N. Y. Ind. 9.298) [Fla. 9, fig. 3. N. C. La. – So. Cal. Tex.
	Mastino	CERINI	
Euryopa Gorh. 81–108 ————————————————————————————————————	Ariz.	Mastinocerus Sol. 7032. opaculus Horn 95–241 33. californicus Van D.18–5	Ariz. So. Cal.
7028. debilis Lec. 81–41 29. pallidus Schffr. 04–213	Cal. So. Cal. Tex.	Tytthonyx Lec. 51–347 7034. erythrocephala (Fab.) 01–1	05 M. St. Ind.
Paraptorthodius Schffr. 04–212 7030. mirabilis Schffr. 04–212	Tex.	serraticornis (Melsh.) 46–36 35. ruficollis Schffr. 04–214	
Mastinocerus Sol. 49–441 7031. texanus Lec. 74–59	Tex.	Spathizus Lec. 84–20 7036. bicolor Lec. 84–21	Ariz.
	Омет	HINI	•
Omethes Lec. 61–187 7037. marginatus Lec. 61–187	O. Conn.	Blatchleya Knab 10-833 (Blanchardia Bl. 10-826) 7038. gracilis Blatch. 10-826	Ind.
	CANTHA	ARIDÆ	

(Telephoridx)

CHAULIOGNATHINI

Chauliognathus Hentz 30–460		Chauliognathus Hentz
7039. profundus Lec. 58–71	Ariz.	7041. obscurus Schffr. 09–379 Ariz.
40. ineptus Horn 85–150	Ariz.	42. vittatus Schffr. 09–380 Ariz.

[†] Introduced?

¹ The correct position of some of the genera here grouped in Phengodidæ is doubtful. Pterotus may belong nearer to Mathetcus; Tytthonyx and Spathizus in Telephoridæ; the tribe Omethini in Dascillidæ or a separate family near it. Mr. Herbert S. Barber has studied these genera but his conclusions are not yet published.

Chauliognathus Hentz		Chauliognathus Hentz	
7043. discus Lec. 53–230	Tex.		N. Mex. Ariz.
44. misellus Horn 85–150	Ariz.		Ariz.
45. fasciatus Lec. 81–44	Utah.	51. pennsylvanicus DeG. 74–78	N.Y. Mo. Ga.
46. limbicollis Lec. 58–71	Tex. Colo. N.		Tex.Ind.Conn.
47. basalis Lec. 59–13	Mex. Ariz. Colo. Utah,	americanus Forst. 71–50 bimaculatus Fab. 81–259	
47. Dasans Lec. 05 10	[Ariz.		N.Y. Fla. Ind.
48. scutellaris Lec. 58–230	Tex. Ariz.	hentzi Lec. 51–338	TVIII IA. IIIU.

Cantharini

	Podabri		Poda	brus Westw.		
Podal	orus Westw. 40–37		7083.	lævicollis (Kby.) 37–248	Lab. N.H.	
	(Brachynotus Kby. 37–247)			, , , , ,	L. Sup. Nfld.	
7053.	latimanus (Mots.) 59-4021	Cal.	84.	tejonicus Lec. 59–74	Cal.	
	mellifluus Lec. 61–360			bolteri Lec. 81–49	Can. Pa.	
54	nothoides Lec. 81–46	Mass. L. Sup.		pattoni Lec. 66–394	Cal.	
		Can. Pa. Ind.	00.	C.	Cai.	
99.	tricostatus (Say) 35–158	Can. 1 a. Inu.	97		Cal Mar-	
	bennetti (Kby.) 37–249	· ·		mellitus Lec. 81–49	Cal. Nev.	
	atripes Mots. 59–403	T () 3.5		corneus Lec. 61–350	Cal.	
56.	rugulosus Lec. 50–229	L Sup. Mass.	89.	cavicollis Lec. 51–345	Cal. Nev.	
		Kan. Ind.				
57.	frater Lec. 51–344	Va. Ga. Fla.	Cant	haris L. 58-400		
	quadricollis Mots. 59-403	[Ind.		(Telephorus Schaeff. 66–123)	
58.	basillaris (Say) 23–181	Atl. Ind.		A. (Ancistronycha Märk. 51	L - 592)	
	discoideus Lec. 51–344		7090.	decipiens Horn 94–380	L. Cal.	
	punctulatus Lec. 59–44	Kan.		dentiger Lec. 51–341	Conn. N. Y.	
		Tex.		8-5	Tex. Ind.	
	quadratus Lec. 81–46		92	excavatus Lec. 51–342	Conn. N. Y.	
	fissus Lec. 81–46	Fla.	<i>J</i> 2.	CACAVACUS LCC. 51 542	Ill. Fla. Ind.	
61.	diadema (Fab.) 01–298	Alt. L.Sup.	02	:1:. T		
	parvicollis (Mots.) 59–402			vilis Lec. 51–343	N. Y.	
62.	modestus (Say) 23–179	L.Sup.Pa.Ga.	94.	tantillus Lec. 81–69	Ill.	
	` , ,	Ind. Conn.		pusio Lec. 81–51		
		(Nfld.?)	95.	walshi Lec. 81–51	Ill.	
а.	flavicollis Lec. 51–343	()	96.	fraxini Say 23–181	Lab. Colo	
	binotatus Lec. 81–47	Cal.		ater Kby. 37–245	[Alas. Conn.	
	comes Lec. 51–344	So. Cal. Or.		binodula (Mann.) 46-512	•	
04.				nigrita Lec. 50–229		
	torquatus Lec. 61–350	[Mont. Ariz.		mgma 15cc. 60 225		
0.5	gradatus Lec. 60–320			B. (Rhagonycha Esch. 30-6	64)	
	mexicanus Gorh. 85–284	Ariz.	97.	carolinus Fab. 01–296	L.Sup. Pa. Ind.	
66.	tomentosus (Say) 25–165	Ill. Cal. Ind.		jactatus Say 25–167	Kan. [Conn.	
	rufiolus Melsh. 46–304		98.	lineola Fab. 92–219	Can. Fla. Tex.	
	pruinosus Lec. 51–344			parallela Say 25–168	[Conn. Ind.	
	cinereipennis Mots. 59-403			sayi Lec. 51–342	Nfld.	
67.	protensus Lec. 66–91	Conn. O. Pa.	_	angulatus Say 23–180	Mid.	
	fayi Lec. 66–91	[Ind.			TNL	
68.	brunnicollis (Fab.) 81–258	Ind.		costipennis Lec. 84–21	Fla.	
00.	limbatus (Fab.) 81–258	III.		nigritulus Lec. 81–52	Lab. H. B. T.	
	poricollis Lec. 52–49	Pa: Ga. Ill.	01.	rectus Melsh. 46–305	L. Sup. Ind.	
a.				pusillus Lec. 51–343	[Conn.	
	puncticollis Lec. 51–345	[Tex.		oriflavus Lec. 74–273		
	(Malthacus Kby. 37–247)			rufipes Say 23–182	Pa.	
60	scaber Lec. 61–350	Or. Vanc. Ut.		albolineatus Blatch. 17–143		
			03.	nanulus Lec. 81–52	Mich.	
	cinctipennis Lec. 66–91	Pa. [Alas.	04.	cruralis Lec. 51–342	Ga.	
	limbellus Lec. 81–47	N. H.		flavipes Lec. 51–341	Ill. Kan. Ind.	
72.	punctatus Lec. 50–229	Can. L. Sup.		dichrous Lec. 51–341	Kan. Tex.	
		[Pa.		scitulus Say 25–168	Atl. St. Ind.	
73.	brevipennis Lec. 78–460	ColoB. C.	00.		Fla.	
	puncticollis (Kby.) 37–247	L. Sup. N. H.		imbecilis Lec. 51–342	ria.	
	marginellus Lec. 50–229			nigriceps Lec. 50–230	W. C. T.	
	xanthoderus Lec. 81–48	Cal. B. C.		pusillus Lec. 51–343	Va. Ga. Ind.	
	lutosus Lec. 81–48	Nev. Vanc.	08.	luteicollis Germ. 24–70	Mich. Ga. Ind.	
	macer Lec. 61–350	Cal.		cinctellus Lec. 51–341		
	piniphilus (Esch.) 30–65	Lab. Can. Alas.		ruficollis Lec. 81–53	Colo.	
			10.	longulus Lec. 51–343	Fla. Ga.	
	lateralis Lec. 76–297	Colo. N. Mex.		C.		
50.	puberulus Lec. 50–227	L. Sup. Can.	11.	impar Lec. 81–53	Tex.	
0.1	?sericatus Mann. 46–511	[Alas.				
	extremus Lec. 81–48	H.B.T. Lab.		D.(Telephorus s.str.)	a a 1	
82.	simplex Couper 65–62	Can. Fla.	12.	consors Lec. 51–340	So. Cal.	

	naris L.		Polemius Lec.	n m m
	tibialis Lec. 51–340 ♀		7139. limbatus Lec. 51–339	Pa. Fla. Tex.
	tibiellus Gemm. 70–121	T C 17-	40. languidus Horn 94–380	So. Cal.
		L. SupVa.	Disaden Corb 91 79	
	curtisi Kby. 37–247 samouelli Kby. 37–246	L. SupB.C. [Lab.	Discodon Gorh. 81–78 7141. telephoroides Schffr. 09–380	Ariz.
	?westwoodi Kby. 37–246	fran.	42. abdominale Schffr. 09–380	Ariz.
	transmarinus Mots. 59–400	Cal.	43. bipunctatum Schffr. 08–64	
		Cal.	44. flavomarginatum Schiffr. 08-	
	rubricollis Mots. 59–400			Ariz.
		Colo. N. Mex.	45. planicollis Lec. 58–17	Tex. N. Mex.
		Or.B.C.	platyderum Gemm.69-1670	
	scopus Lec. 66–92	~ ** * *		
		CanKy. Ind.	Silis Latr. 29–471	0 01 14
	impressus Lec. 51–341		1 9	Or. Cal. Ut.
	brevicollis Lec. 51–341 Q			Id. Colo. Cal. H.B.TN.
	armiger Couper 65–62 collaris Lcc. 51–340	,		Cal.Nev.[Mex.
		Colo. Wy.	a. flavida Lec. 74–61 b. carbo Van D. 18–164	Cal.
		AtlKan. Ind.	48. atra Lec. 84–22	Wash. Or.
	·		49. cava Lec. 74-61	Or. Cal.
	E. (Cyrtomoptila Mots. 59-		50. rugosa Van D. 18–164	No. Cal.
99	(Cyrtomoptera Mots. 59–4 divisus Lec. 51–340	No. Cal. Vanc.	51. pallida Mann. 43–246	Alas. Or.
44.	latiusculus Mots. 59–401	Alas.	a. maritima Van D. 18–164	Or.
23.	notatus Mann. 43–246	Cal. (So.Cal.?)	52. percomis (Say) 35–159	Can. Mich.
20.	peregrinus Boh. 58–80	Can (50.Ca)		Ind. O. Mass.
24.	lautus Lec. 51–340	Cal. So. Cal.	1 ' ' T 70 090 7	Tex.
	ochropus Lec. 81–54	So. Cal.	longicornis Lec. 50–230 o	
	F.		curtus (Lec.) 50–231 ♀ 53. vulnerata Lec. 74–61	Or.Wash.Colo.
26.	ingenuus Lec. <u>8</u> 1–55	Nev. So. Cal.	54. filicornis Van D. 18–165	Cal.
~=	G.	G 731	55. lutea Lec. 53–78	No. Cal. Or.
	marginellus Lec. 51–342	Ga. Fla.	pallens Lec. 53–78	
	insipidus Fall 07–235	N. Mex.	a. filigera Lcc. 74–62	Wash. So. Cal.
	simpliunguis Blatch. 10–836 ?vittata Fab. 75–219	S. C.	56. deserticola Van D. 18–165	Cal.
	:vittata Fab. 15-219	S. C.	57. spathulata Lec. 81–57	Ill. Ind. N.Y.
Polen	nius Lec. 51–338	• 1	58. arizonica Van D. 18–165	Ariz. [N.C.
	princeps Lec. 84–21	Ariz.	59. fencstrata Van D. 18–165	Cal.
-	strenuus Lec. 84–21	Ariz.	(D) 1 C. 1 05 90c	\
	marginicollis Lec. 84–21	N. Mex.	(Plectonotum Gorh. 85–306	Ariz.
33.	regularis Fall 07–235	N. Mex.	7160. excisum Schffr. 08–67	Aliz.
	binotatus Fall 07–236	Ariz.	(Ditemnus Lec. 62–189)	D G 7 1
	niger Schffr. 08–65	Ariz.	61. bidentatus (Say) 25–169	Pa. Ga. Ind.
	arizonensis Schffr. 08–65	Ariz.	00 levilel Pl vel 10 097	E. St. Conn.
31.	laticornis (Say) 25–168	Ill. Fla. Tex.	62. latilobus Blatch. 10–837	Ind. Kan. Mo. Cal. So. Cal.
	incisus Lec. 51–168 ?invalida Say 35–158	[Ind. Conn. Ind.	63. obtusus Lec. 74–62 64. fossiger Lec. 81–58	Tex.
	dubius Melsh. 46–304	11101.	65. tricornis Van D. 18–166	Ariz.
	undulatus (Lec.) 51–341		66. perforata Lec. 81–57	Tex.
38.	repandus Lec. 81–55	Pa. Ga. Tex.	67. nigerrima Schffr. 08–66	Ariz.
		Ind.	68. abdominalis Schffr. 08–66	Ariz.
		Malt	HINI	
	•	Kiesenwetter 52	2; Leconte 81	
Tryp!	herus Lec. 51–346		Malthodes Kies. 52–265	
• -	(Lygerus Kics. 52–246)		7174. bicolor Lec. 84–22	Ariz.
7169.	latipennis (Germ.) 24–72	Pa. Va. Ga.	A.	
	marginalis (Say) 24–192	[Ind. Ct.	75. spado Lec. 66–93	Pa. Ga.

Trypherus Lec. 51–346		Malthodes Kies. 52–265	
(<i>Lygerus</i> Kics. 52–246)		7174. bicolor Lec. 84–22	Ariz.
7169. latipennis (Germ.) 24–72	Pa. Va. Ga.	A.	
marginalis (Say) 24–192	[Ind. Ct.	75. spado Lec. 66–93	Pa. Ga.
		76. ligulifer Berg. 89–203	Cal.
Belotus Gorham 81–99		В.	
(Lobetus‡ auct. nec Kies. 52	2–244)	77. laticollis Lcc. 65–53	So. Cal. Is.
7170. abdominalis (Lec.) 51–347	Ga. Fla. Tex.	transversus Lec. 61–351	
		78. concavus Lec. 51–346	N.Y. N.H. Pa.
Malthinus Latr. 06–261			Mass. Ind. Ct.
7171. atripennis Lec. 81–60	Tex.	С.	
72. occipitalis Lec. 51–345	Va. Ga. Ind.	79. fragilis Lec. 51–346	Pa. Va. Ga.
difficilis Lec. 51–345	N. C. Fla.	transversus Lec. 51–346	N.Y. [(Cal.)?
73. subcostatus Schffr. 08-67	Ariz.	80. exilis Melsh. 46–305	Pa. Md. Ind.

Malthodes Kies.		Malthodes Kies.	
fulvicollis Kies. 52-330	Pa.	7188. fuliginosus Lec. 66–93	L. Sup. N. H.
?ruficollis Kies. 52–320 Le	c. 81–72	89. niger Lec. 51–346	L. Sup. N. H.
7181. fusculus Lec. 51–346	Cal. So. Cal.	φφ	*.
82. rectus Lec. 81–61	Va. Ga.	90. analis Lec. 81–62	M. St.
83. curvatus Lec. 81–61	Ill.	91. congruus Lec. 81–62	Va.
84. lucanus Horn 95–240	L. Cal.	92. quadricollis Lec. 81–63	L. Sup.
85. furcifer Lec. 81–62	Colo.	93. parvulus Lec. 51–346	L.Sup. Mass.
86. arcifer Lec. 81-62	Md.	- ?marginipennis Lap. 35-2	70Am. Bor.
87. captiosus Lec. 81–61	Va.	•	

MELYRIDÆ

MALACHIINAE

Leconte 52; Horn 70, 72; Casey 95; Fall 01, 12

Collops Er. 40-54		Collops Er.	YZ YY. 1
7194. cribrosus Lec. 52–164 cyanipennis Mots. 59–404	B.C. So. Cal.	7225. confluens Lec. 52–164 26. femoratus Schffr. 12–186	Kan. Utah Ariz.
95. parvus Schffr. 12–185	Ariz. N. Mex. Tex.	27. quadrimaculatus (Fab.) 98	R.I. Ct. Tex. Ariz. Ind. Fla.
96. tricolor (Say) 23–183 a. sublimbatus Schffr. 12–18	Ct. QueVa.	ruficollis (Fab.) 98–83 28. balteatus Lec. 52–230	Tex.
97. vicarius Fall 12–258 98. punctatus Lec. 52–164	Ind. Okla. Kan. Neb.	29. versatilis Fall 12–273	No. Cal. Or. Utah, Ariz.
a. nigritus Schffr. 12–185	Colo. N. Mex. Ariz.	Trophimus Horn 70–84 7230. æneipennis Horn 70–84	Colo.
99. dux Fall 12–259 7200. marginicollis Lec. 52–164	Tex. So.Cal. Utah.	· ·	C010.
01. aulicus Er. 40–55 a. claricollis Fall 12–260	Ariz. So. Cal.	Temnopsophus Horn 72–111 7231. bimaculatus Horn 72–111	La. Fla.
02. reflexus Lec. 76–517 03. hirtellus Lec. 76–517	N. Mex. Sask.	32. impressus Sz. 78–364	Fla.
a. lucens Fall 12–261 04. discretus Fall 12–261	N. Mex. Colo.	Endeodes Lec. 59–122 7233. basalis (Lec.) 53–168	Cal.
05. subtropicus Fall 12–262 06. subæneus Fall 12–262	Fla. Cal.	34. abdominalis (Lec.) 53–168 35. collaris (Lec.) 53–168	Cal. So. Cal. Cal. So. Cal.
07. nigriceps (Say) 23–183 eximius Er. 40–57	Mass.Fla.Ala.	Chætocœlus Lec. 80–194	_
a. floridanus Schffr. 12–185 08. bipunctatus Say 23–185	Fla. Kan. So. Cal	7236. setosus Lec. 80–194	Tex. Md. Fla.
	Ariz.	Attalusinus Leng 18–206	
В.		7237. submarginatus (Lec.) 52–1	
09. limbellus G. & H. 68–121 limbatus Lec. 66–94	Neb. Cal [Ariz.	7237. submarginatus (Lec.) 52-1 Malachius Fab. 75-207	Ariz.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140	[Ariz. Ga. Ariz.	7237. submarginatus (Lec.) 52–1	Ariz.) Eur. Can.N.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah.	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207 (Hapalorhinus Lec. 59–75) 7238. æneus (L.) 61–202 39. biguttulus Horn 70–87	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265 14. marginellus Lec. 52–164 15. vittatus (Say) 23–184	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah. Ariz. So. Cal. Ct. QueAriz.	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz. So. Cal. So.Cal. Or.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265 14. marginellus Lec. 52–164 15. vittatus (Say) 23–184 haworthi Westw. 53–98 16. necopinus Fall 12–267	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah. Ariz. So. Cal. Ct. QueAriz. Mex. So. Cal.	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207 (Hapalorhinus Lec. 59–75) 7238. æneus (L.) 61–202 39. biguttulus Horn 70–87 40. viridulus Fall 10–143 41. auritus Lec. 52–165 42. uniformis Fall 10–142 inornatus Fall 01–243	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz. So. Cal. So.Cal. Or. So. Cal.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265 14. marginellus Lec. 52–164 15. vittatus (Say) 23–184 haworthi Westw. 53–98 16. necopinus Fall 12–267 17. punctulatus Lec. 52–165 a. insulatus Lec. 66–94	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah. Ariz. So. Cal. Ct. QueAriz. Mex. So. Cal. So. Cal. Ariz. [N. Mex.	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207 (Hapalorhinus Lec. 59–75) 7238. æneus (L.) 61–202 39. biguttulus Horn 70–87 40. viridulus Fall 10–143 41. auritus Lec. 52–165 42. uniformis Fall 10–142 inornatus Fall 01–243 43. contortus Fall 10–142 44. pristinus Fall 01–244	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz. So. Cal. So.Cal. Or. So. Cal. Mont. So. Cal.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265 14. marginellus Lec. 52–164 15. vittatus (Say) 23–184 haworthi Westw. 53–98 16. necopinus Fall 12–267 17. punctulatus Lec. 52–165 a. insulatus Lec. 66–94 b. utahensis Schffr. 12–187 c. texanus Schffr. 12–187	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah. Ariz. So. Cal. Ct. QueAriz. Mex. So. Cal. So. Cal. Ariz.	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207 (Hapalorhinus Lec. 59–75) 7238. æneus (L.) 61–202 39. biguttulus Horn 70–87 40. viridulus Fall 10–143 41. auritus Lec. 52–165 42. uniformis Fall 10–142 inornatus Fall 01–243 43. contortus Fall 10–142 44. pristinus Fall 01–244 45. acutipennis Fall 01–245 46. horni Fall 17–88	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz. So. Cal. So.Cal. Or. So. Cal. Mont. So. Cal. So. Cal.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265 14. marginellus Lec. 52–164 15. vittatus (Say) 23–184 haworthi Westw. 53–98 16. necopinus Fall 12–267 17. punctulatus Lec. 52–165 a. insulatus Lec. 66–94 b. utahensis Schffr. 12–187 c. texanus Schffr. 12–187 C. 18. validus Horn 70–82	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah. Ariz. So. Cal. Ct. QueAriz. Mex. So. Cal. So. Cal. Ariz. [N. Mex. Utah, Colo. Tex. Ariz. Mex. L. Cal.	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207 (Hapalorhinus Lec. 59–75) 7238. æneus (L.) 61–202 39. biguttulus Horn 70–87 40. viridulus Fall 10–143 41. auritus Lec. 52–165 42. uniformis Fall 10–142 inornatus Fall 01–243 43. contortus Fall 10–142 44. pristinus Fall 01–244 45. acutipennis Fall 01–244 45. acutipennis Fall 01–245 46. horni Fall 17–88 spinipennis Horn 74–27 47. mirandus (Lec.) 59–75	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz. So. Cal. So.Cal. Or. So. Cal. Mont. So. Cal. So. Cal. So. Cal. So. Cal.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265 14. marginellus Lec. 52–164 15. vittatus (Say) 23–184 haworthi Westw. 53–98 16. necopinus Fall 12–267 17. punctulatus Lec. 52–165 a. insulatus Lec. 66–94 b. utahensis Schffr. 12–187 c. texanus Schffr. 12–187 c. texanus Schffr. 12–187 c. 18. validus Horn 70–82 19. crusoe Fall 10–140 20. pulchellus Horn 70–83	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah. Ariz. So. Cal. Ct. QueAriz. Mex. So. Cal. So. Cal. Ariz. [N. Mex. Utah, Colo. Tex. Ariz. Mex. L. Cal. So. Cal. Is. Ariz. Tex.	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207 (Hapalorhinus Lec. 59–75) 7238. æneus (L.) 61–202 39. biguttulus Horn 70–87 40. viridulus Fall 10–143 41. auritus Lec. 52–165 42. uniformis Fall 10–142 inornatus Fall 01–243 43. contortus Fall 10–142 44. pristinus Fall 01–244 45. acutipennis Fall 01–244 45. acutipennis Fall 01–245 46. horni Fall 17–88 spinipennis Horn 74–27 47. mirandus (Lec.) 59–75 48. bakeri Fall 10–143 49. theveneti Horn 74–28	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz. So. Cal. So. Cal. Or. So. Cal. Mont. So. Cal. So. Cal. So. Cal. So. Cal. So. Cal.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265 14. marginellus Lec. 52–164 15. vittatus (Say) 23–184 haworthi Westw. 53–98 16. necopinus Fall 12–267 17. punctulatus Lec. 52–165 a. insulatus Lec. 66–94 b. utahensis Schffr. 12–187 c. texanus Schffr. 12–187 c. texanus Schffr. 12–187 c. 18. validus Horn 70–82 19. crusoe Fall 10–140 20. pulchellus Horn 70–83 21. histrio Er. 40–59	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah. Ariz. So. Cal. Ct. QueAriz. Mex. So. Cal. So. Cal. Ariz. [N. Mex. Utah, Colo. Tex. Ariz. Mex. L. Cal. So. Cal. Is. Ariz. Tex. Ariz. Cal N. Mex.	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207 (Hapalorhinus Lec. 59–75) 7238. æneus (L.) 61–202 39. biguttulus Horn 70–87 40. viridulus Fall 10–143 41. auritus Lec. 52–165 42. uniformis Fall 10–142 inornatus Fall 01–243 43. contortus Fall 01–244 45. acutipennis Fall 01–244 45. acutipennis Fall 01–245 46. horni Fall 17–88 spinipennis Horn 74–27 47. mirandus (Lec.) 59–75 48. bakeri Fall 10–143 49. theveneti Horn 74–28 50. directus Fall 01–245 51. macer Horn 74–27	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz. So. Cal. So. Cal. Or. So. Cal. Mont. So. Cal. So. Cal. So. Cal. So. Cal. So. Cal. Cal. Cal. Cal. Cal. Cal. Cal. Cal.
09. limbellus G. & H. 68–121 limbatus Lec. 66–94 10. georgianus Fall 10–141 11. flavicinctus Fall 10–140 12. laticollis Horn 70–83 13. granellus Fall 12–265 14. marginellus Lec. 52–164 15. vittatus (Say) 23–184 haworthi Westw. 53–98 16. necopinus Fall 12–267 17. punctulatus Lec. 52–165 a. insulatus Lec. 66–94 b. utahensis Schffr. 12–187 c. texanus Schffr. 12–187 c. texanus Schffr. 12–187 c. 18. validus Horn 70–82 19. crusoe Fall 10–140 20. pulchellus Horn 70–83	[Ariz. Ga. Ariz. L. Cal. Ariz. Utah. Ariz. So. Cal. Ct. QueAriz. Mex. So. Cal. So. Cal. Ariz. [N. Mex. Utah, Colo. Tex. Ariz. Mex. L. Cal. So. Cal. Is. Ariz. Tex. Ariz. Cal	7237. submarginatus (Lec.) 52–1. Malachius Fab. 75–207 (Hapalorhinus Lec. 59–75) 7238. æneus (L.) 61–202 39. biguttulus Horn 70–87 40. viridulus Fall 10–143 41. auritus Lec. 52–165 42. uniformis Fall 10–142 inornatus Fall 01–243 43. contortus Fall 01–244 44. pristinus Fall 01–244 45. acutipennis Fall 01–245 46. horni Fall 17–88 spinipennis Horn 74–27 47. mirandus (Lec.) 59–75 48. bakeri Fall 10–143 49. theveneti Horn 74–28 50. directus Fall 01–245	Ariz. Eur. Can.N. Eng. N.Y. Ct. Cal. Ariz. So. Cal. So. Cal. Or. So. Cal. Mont. So. Cal. So. Cal. So. Cal. So. Cal. So. Cal.

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Tanaops Lec. 59–74		Attalus Er.	~ ~ 13734		
(Caphalistes Mots. 59–209		7287. serraticornis Fall 17–82	So.Cal.N.Mex.		
7256. angusticeps Fall 17–69	Cal.	88. dimidiatus Fall 17–82	So.Cal. [Tex.		
57. abdominalis Lec. 59–74	So. Cal.	89. oregonensis Horn 72–122	Or. So. Cal.		
58. ignitus Fall 17–70	Cal. Or.	90. nigrellus (Lec.) 52–167	L.Sup. [Ariz.		
59. antennatus Fall 17–70	So. Cal.	91. tuberculifrons Fall 17–84	Ariz.		
60. longiceps (Lec.) 52–165	So. Cal.	92. lecontei Champ. 14-60			
apicalis (Mots.) 59–409		basalis (Lec.) 52–166	So. Cal. Ariz.		
unicolor (Mots.) 59–410		11 (22) 2	L. Cal.		
61. spinifer Fall 17–71	Ariz.	93. glabrellus Fall 17-85	Cal.		
62. terminalis Fall 17–71	Cal.	94. terminalis (Er.) 40–108	Ct. M.& S.St.		
63. dubitans Fall 17–72	Cal.	71. terminans (Er.) 10 100	[Ind.		
64. mimus Fall 17–72	Ut. Colo.	hæmorrhoidalis (Mots.) 59-			
65. coelestinus Gorh. 86–320	Mex. Ariz.				
		95. rufomarginatus (Mots.) 59-			
66. complex Fall 17–73	Ariz.	00ion II 70 100	Cal. So. Cal.		
67. repens Fall 17–73	Cal.	96. varians Horn 72–123	Tex. La. Fla.		
1: T #0.100		97. zebraicus Blatch. 14–90	Fla.		
Microlipus Lec. 52–168		98. rusticus Fall 17–85	So. Ariz.		
7268. prolixicornis (Fall) 01–24		99. foveiventris Fall 17–86	Ariz.		
69. productus Fall 17–76	So. Cal.	7300. granularis (Er.) 40–112	So. St. Ind.		
70. franciscanus Fall 17–76	Cal.	01. futilis Fall 17–87	N. Mex.		
71. laticeps Lec. 52–168 7	Cal. So. Cal.	02. grisellus Fall 17–87	N. Mex.		
? uniformis (Mots.) 59–40	5 ♀	03. morulus (Lec.) 52–167	Fla. Can.D.C.		
72. æqualis Fall 17–77	So. Cal.	, ,	Ct. Kan. Ariz.		
73. lævicollis Horn 72–116	Neb.		Ind.		
74. mœrens (Lec.) 59–283	Cal.	04. pallifrons (Mots.) 59–408	Ct. Can. D.C.		
75. longicollis (Mots.) 59-405	Cal. So. Cal.	05. semirubidus Fall 17–83	Ala. [Kan.Ind.		
, or 10118-001-12 (==0.001) 00 200		06. melanopterus (Er.) 40–110			
Anthocomus Er. 40–97		a. marginipennis Blatch. 10-8			
7276. erichsoni Lec. 52–165	Fla.M.St.Ind.	w. margimpening Diacent 10	Ind.		
otiosus‡ Er. 40–99	1 1411,110,0111141	07. atripennis Fall 17-85	Ariz.		
lateralis Lec. 52–165		08. humeralis Lec. 66–94	Ill.		
77. flavilabris (Say) 25–169	E.& M.St.Ind.	09. setosus Horn 94–381	L. Cal.		
cœruleus (Rand.) 38–16	17. C 111.50.111d.		L. Cal.		
	Ariz.	10. unicolor Horn 94–381			
78. ventralis Horn 72–118	Ariz.	11. pettiti Horn 72–124	Can. Ind.		
TO 110		12. rufiventris Horn 72–125	OTex. Ariz.		
Pseudebæus Horn 72–118		parallelus Horn 72–124	Tex.		
(Ebaus‡ Lec. 52–167)	mal more or or	13. nigripes Horn 70–85	Colo.		
7279. apicalis (Say) 25–170	Fla.M.& S.St.	14. otiosus (Say) 24–48	Ct.Atl.St.Ind.		
a. minutus (Melsh.) 46–305	[Ind.	nigripennis (Say) 23-184	- C C - 7 1 - 7 1		
80. bicolor (Lec.) 52–167	Ariz. Fla. M.	15. circumscriptus (Say) 23–18			
	& S.St. Ind.		Ariz.		
81. pusillus (Say) 25–170	So.St. (Cal?)	16. cinctus (Lec.) 52–166	So. Cal. Ariz.		
82. oblitus (Lec.) 52–167	Fla. CanGa.	17. difficilis (Lec.) 52–166	So. Cal. Ariz.		
83. obscurus Lec. 79–515	Colo. [Ct.Ind.	18. lobulatus (Lec.) 61–54	So. Cal. Ariz.		
?labiatus Fab. 01–310		lobatus (Lec.) 52–166			
		19. dilutimargo Fall 17–84	Ariz.		
Attalus Er. 40–89		20. transmarinus Fall 98–267	So.Cal. Is.		
(Acletus Lec. 52–167)		subfasciatus Fall 97-243			
(Scalopterus Mots. 59–406)		falli Champ. 14–657			
7284. rostratus Horn 72–121	Cal.	21. subfasciatus Gorh. 86–320	Ariz.		
85. trimaculatus (Mots.) 59–4		22. scincetus (Say) 25–170	Ct. AtlColo.		
	Cal. So.Cal.	23. Beinectus (buy) 20 110	Ind. Fla.		
elegans Horn 70–86	can co.can	infuscatus (Mots.) 59–407	1.14. 1.4.		
86. demissus Fall 17–83	Colo.	a. confusus Blatch. 10–846	Ind.		
50. ucmissus Patt 17 55	0101	a. Confusus Diaten. 10 340	III.		
	MITT W	PINE			
MELYRINÆ					

Leconte 66; Casey 95, 97

Dasytini

Pristoscelis Lec. 62–193 7323. grandiceps Lec. 66–355	Cal. So. Cal.	Asydates Csy. 7328. explanatus Csy. 95-465 So. Cal.
Eudasytes Csy. 95–460 7324. amplus Csy. 95–461 25. oblongus Csy. 95–462 26. ursinus Csy. 95–463	Cal. Utah. So. Cal.	Trichochrous Mots. 59–392 (Byturosomus Mots. 59–395) (Emmenotarsus Mots. 59–394) (Pristoscelis Lec. pars) — ?californicus Mots. 59–393 Cal.
Asydates Csy. 95–464 7327. rufiventris Csy. 95–464	So. Cal.	7329. compactus Csy. 95–474 So. Cal. 30. brevis Csy. 95–474 Cal.

Trick	nochrous Mots.		Trichochrous Mots.	
	oregonensis (Lec.) 66–351	Or.	7392. barbaræ Csy. 95–518	So. Cal.
	agrestis Csy. 95–476	Cal.	93. tcctus Csy. 95–519	Cal.
	fraternus Csy. 95–477	Cal.	94. sordidus (Lec.) 52–169	So.Cal. Ariz.
34.	cylindricus Mots. 59–393	Cal.	95. villosus Csy. 95–520	Cal.
	ater Bland 64–253	~ 1	96. irrasus Csy. 95–521	Cal.
	laticollis (Mann.) 43–247	Cal.	97. crinifer Csy. 95–521	So. Cal.
	castus Csy. 95–479	Utah.	98. hirtellus (Lec.) 66–353	L. Cal.
	sinuosus Csy. 95–479	Cal.	99. mixtus Fall 07–237	N. Mex.
	transversus Csy. 95–480	Cal.	7400. fulvescens Csy. 95–523	So. Cal.
	sparsus Csy. 95–481	Colo. Tex.	01. comatus (Lcc.) 81–77 02. incultus Fall 07–238	N. Mex.
	atricornis (Lec.) 66–352	Ariz.	03. bicoloripes Fall 07–239	N. Mex.
	fulvotarsis Bland 64–254	Cal.	04. squalidus (Lec.) 52–169	So. Cal.
	antennatus Mots. 59–394	Cal. So. Cal.	tejonicus (Lec.) 66–354	zo. car.
	discipulus Csy. 95–484	Cal.	05. sexualis Csy. 95–524	Cal.
	caseyi Champ. 14–106	Cal.	06. sonomæ Csy. 95–525	Cal.
	femoralis Csy. 95-485		07. texanus (Lec.) 66–355	Tex.
46.	griseus (Lec.) 52–169	So. Cal.	08. sophiæ Fall 07–236	N. Mex.
	antennatus‡ Lec. nec Mots	.	09. lucidus Csy. 95–527	L. Cal.
	rufipes (Mots.) 59–395		10. reversus Csy. 95–527	Ariz.
	simulans Csy. 95–486	Tex.	11. pedalis (Lec.) 66–355	So.Cal.Is.
	modestus Csy. 95–487	Kan.	12. nigrinus Csy. 95–529	So. Cal.
	separatus Csy. 95–487	Cal.	13. ænescens (Lec.) 52–170	So. Cal.
	pudens Csy. 95–488	Ariz.	14. rusticus Csy. 95–530	Cal.
	indigens Csy. 95–489	Cal.	15. politus Csy. 95–531	So. Cal.
	incipiens Csy. 95–489	Ariz.	16. punctipennis (Lec.) 66–355	
	erythropus (Lec.) 52–170 convergens (Lec.) 66–352	Tex.	17. stricticollis Csy. 95–532	Cal.
	innocens Csy. 95–492	Cal.	Cradytes Csy. 95-533	
	apicalis Csy. 95–492	So. Cal.	7418. serricollis (Lec.) 66–356	N.Mex.Ariz.
	egenus Csy. 95–493	Utah.	19. longicollis Csy. 95–534	Ariz. [Colo.
	umbratus (Lec.) 66–352	Ariz. Cal. So.	20. serrulatus (Lcc.) 66–356	Ariz.
	nubilatus Čsy. 95–495	Cal. [Cal.	21. prosternalis (Fall) 07–240	N. Mex.
	suffusus Csy. 95–495	So. Cal.	, ,	
61.	propinquus Csy. 95–496	So. Cal. Ariz.	Sydatopsis Csy. 95-536	
	fulvovestitus Csy. 95–497	Ariz. So. Cal.	7422. longicornis Csy. 95–536	L. Cal.
	ferrugineus Gorh. 86–330	Ariz.		
	exiguus Csy. 95–497	g	Listromimus Csy. 95–538	NT.
	testaceus Csy. 95–498	So. Cal.	7423. sericatus Csy. 95–538	Nev.
	fallax Csy. 95–499	Cal. Colo.	Tigtming Mate 50 200	
67	inæqualis Csy. 95–500 subcalvus Csy. 95–500	So. Cal.	Listrus Mots. 59–389 7424. punctatus Mots. 59–390	Cal.
	funebris Csy. 95–501	Colo.	25. tibialis Mots. 59–391	Cal.
	vittiger Csy. 95–502	N. Mex.	26. rotundicollis (Lec.) 52–170	Cal.
	prominens Csy. 95–502	So. Cal.	27. interstitialis Csy. 95–545	Cal.
	cuspidatus Csy. 95–503	So. Cal.	28. motschulskii (Lec.) 66–357	Cal.
	indutus Csy. 95–503	Ariz.	canescens (Lec.) nec Mann.	
	fimbriatus Csy. 95–504	Cal.	29. montanus Csy. 95–546	Cal.
	pruinosus Csy. 95–505	Cal.	30. interruptus Lcc. 52–357	NebSo.Cal.
	fuscus (Lec.) 52–169	So. Cal.		Cal. [Ariz.
	seriellus Csy. 95–506	Utah, So.Cal.	32. densicollis Csy. 95–548	Cal.
	sobrinus Csy. 95–507	Cal.	33. plenus Csy. 95–549	Vanc.
	mucidus Csy. 95–508	Cal.	34. subæneus Csy. 95–549	Cal.
79.	brevicornis (Lec.) 52–169	So. Cal.	35. maculosus Csy. 95–550	Cal.
80	vilis Csy. 95–509 insignis Csy. 95–510	S. E. Cal.	36. pardalis Csy. 95–551 37. senilis Lec. 52–170	Ariz. Kan.
	curticollis Csy. 95–511	Cal.		Ariz. [Colo.
	suturalis (Lec.) 52–169	So. Cal.	39. uniformis Csy. 95–552	Ariz.
	conformis (Lec.) 52–169			So. Cal.
83.	varius Csy. 95–512	Ariz.		So. Cal.
	quadricollis (Lec.) 59-75	So. Cal.	42. canescens (Mann.) 43–247	Cal.
	remotus Csy. 95–514	Cal.	43. difficilis (Lec.) 52–170	So. Cal.
	conspersus Csy. 95–514	So. Cal.		Cal.
	placatus Fall 07–238	N. Mex.	45. tritus Csy. 95–557	Cal.
	similis Fall 07–239	N. Mex.	46. confusus Csy. 95–557	Cal.
	rufipennis (Lec.) 58–71	Ariz.	47. variegatus Csy. 95–558	Cal.
	lobatus Csy. 95–516	So. Cal.	48. incertus Csy. 95–559	Cal. Utah
	brevipilosus (Lec.) 66–353	Cal. Cal.	49. annulatus Csy. 95–559	Cal. Utah. Colo.
91.	hystrix Csy. 95–517	Cai.	50. rubripes Csy. 95–560	C010.

Listrus Mots.		Dasytes Payk.	
7451. luteipes (Lec.) 52–170	So.Cal.	7485. zonatus Csy. 95–537	Tex.
52. concurrens Csy. 95–561	Nev.	(Adasytes Csy. 95-539)	
53. baltecllus Csy. 95–562	So.Cal.	86. laciniatus Csy. 95–559)	So.Cal.
54. famelicus Csy. 95–563	So.Cal.	00. Inciliatus Osy. 30-040	DO.Cai.
55. ornatulus Csy. 95–563	Nev.	Dasytastes Csy. 95-582	
56. definitus Fall 01–248	So.Cal.	7487. catalinæ (Lec.) 66–361	So.Cal. Is.
Deartelling Cov. 05 564		88. remissus Csy. 95–583	So.Cal.
Dasytellus Csy. 95–564 7457. concinnus Csy. 95–565	Utah.	89. otiosus Csy. 95–584	Cal.
58. prætenuis Csy. 95–566	Ariz.	90. dispar Csy. 95–585	Cal.
59. exilis Csy. 95–566	Ariz.	91. ruficollis (Ulke) 75–812	Nev.
60. inconspicuus Csy. 95–567	So.Cal.	92. bicolor Csy. 95–586	So.Cal.
61. nigricornis (Bland) 64–254	Kan.Neb.Tex.	93. insularis Fall 01–257	So.Cal. Is.
62. degener Csy. 95–569	Ariz. [Ariz.	70-1-t T 00 100	
63. elegantulus Csy. 95–569	Ariz.	Eschatocrepis Lec. 62–193	0.1 0. 0.1
64. impressus (Gorh.) 86–329	Mex. Ariz.	7494. constrictus (Lec.) 52–170	Cal. So.Cal.
a. subovalis Csy. 95–570	Ariz. Tex.	constricticollis (Mots.) 59-	-590 Ariz.
65. ferrugineus (Gorh.) 86–329	Mex. Ariz.	Allonyx Lec. 62–193	ALIZ.
Dasytes Payk. 98-156		7495. sculptilis (Lec.) 59–75	Cal. So.Cal.
7466. parvicollis Mann. 43–248	Cal.	a. denudatus Csy. 95–590	Cal.
67. hudsonicus Lec. 66–360	H.B.T. Colo.	96. disjunctus Csy. 95–590	Cal.
68. vicinus Blaisd. 06–74	So.Cal. [Ariz.	·	
69. shastensis Blaisd. 06–75	No.Cal.	Vectura Csy. 95-591	
70. obtusus Csy. 95–573	Colo.	7497. longiceps Csy. 95–592	Ariz. So.Cal.
71. expansus Csy. 95–574	Cal.	98. albicans Csy. 95–592	Utah.
72. nitens Csy. 95–574	Cal.		
73. breviusculus Mots. 59–396	Cal. So.Cal.	Pseudallonyx Csy. 95-593	C 1 4 *
74. dissimilis Csy. 95–576 75. clementæ Fall 01–250	So.Cal. Is.	7499. plumbeus (Lec.) 66–359	Colo.Ariz.
76. fastidiosus Csy. 95–577	Cal.	Tentamentume Carr 05 504	
77. macer Csy. 95–577	So. Cal.	Leptovectura Csy. 95–594 7500. adspersa Csy. 95–595	N. Mex.
78. cruralis (Lec.) 66–355	Cal. Or.	1000. adspersa Csy. 50 050	IV. MICA.
79. depressulus Csy. 95–579	Nev.	Mecomycter Horn 82-126	
80. pusillus Lec. 52–170	So.Cal. Ariz.	7501. omalinus Horn 82–126	Kan. Ariz.
81. minutus Csy. 95–580	Cal.	02. facetus Csy. 95–597 .	Ariz.?
82. lineellus Csy. 95–581	So.Cal. So.Cal.		
83. musculus Fall 01–249	So.Car.	Dolichosoma Steph. 30–318	
(Sydates Csy. 95–537)		7503. foveicollis (Kby.) 37–243	Neb. H.B.T.
84. seminudus Lec. 66–360	Cal.	04. tenuiformis Horn 80–150	Tex.
·	MeL	VRINI	
1 0 1 00 100	1,1131		
Melyrodes Gorh. 82–128		Eurelymis Csy. 95–602	TT4. L
(Alymeris Csy. 95–600) (Melyris‡ auct. nec Fab.)		7508. speculifer Csy. 95–603 09. atra (Lec.) 78–461	Utah. Colo.
7505. basalis (Lec.) 52–171	Ga.La.Fla.	10. flavipes (Lec.) 78–461	Cal. So. Cal.
06. cribrata (Lec.) 52–171	M. & S. St.	10. 111,1502 (2001) 10. 101	Cui. Do. Cui.
07. floridana Csy. 95-601	Fla.		
	RHADA	ALINÆ	
Darmhadan Ecli 10, 144			
Dasyrhadus Fall 10–144 7511. impressicollis Fall 10–144	Cal. Wash.	Rhadalus Lec. 51–212 [*] 7513. testaceus Lec. 51–212	Ariz.
12. longior Fall 10–145	Cal. Wash.	14. lecontci Csy. 95–606	Ariz.
12. 10118101 2011 10 110		- 1 1000Mt01 Cbj + 00 000	

CLERIDÆ1

Spinola 44; Schenkling 10

CLERINÆ

TILLINI

Monophylla Spin. 41-75 (Macrotelus Klug 42-274) (Elasmocerus Lec. 52-13) Monophylla Spin. 7515. californica Fall 01–251 substriata Wolc. 10–340

Cal. Ariz. Tex. Utah.

¹ Prepared with the assistance of Mr. A. B. Wolcott, who has also furnished a special bibliography of the family included with general bibliography.

CLERIDÆ 149

Monophylla Spin.	M C C	Cymatodera Gray	MOO
7516. terminata (Say) 35–160	Mass. Ct. Ga.	7545. inornata Say 35-161	Me. Can. Ga.
	Ia. Tex.Ariz.		Wis.Okla.Ind. Conn.
megatoma Spin. 44-385	Conn. ma.	tenera Lec. 52–14	Conn.
17. pallipes (Schffr.) 08–128	Tex.	46. aemula Wolc. 10–348	Ariz.
18. ruficollis Schffr. 11–121	Ariz.	47. fascifera Lec. 65–95	Cal.
100 Tuncomin Collins II 121	11120	48. snowi Wolc. 10–349	Ariz.
Callotillus Wolc. 11-115		arizonæ Wolc. mss.	11.00
7519. eburneocinctus Wolc. 11-1	15	49. hopei Gray 32–375	Mex. Tex.
	So.Fla.	gigantea Horn 80–148	
20. elegans Er. 47–85	S. Am. C. Am.	50. californica Horn 68–134	Cal.
occidentalis Gorh. 82–129	Tex. N.Mex.	51. horni Wolc. 10–349	Cal. Ariz.
	Ariz. L. Cal.	californica Horn 76–225	
Tillus Oliv. 90–22		52. tricolor Skin. 05–292	Ariz.
7521. collaris Spin. 44–98	C. Am. Tex.	53. brevicollis Schffr. 17–130	Ariz.
	Ala. Ga. Ohio.	54. morosa Lec. 58–71	Ariz.Colo.Cal.
Perilypus Spin. 41-72		55	N. Mex.
7522. carbonarius Spin. 44–105	Cal. N. Mex.	55. cognata Wolc. 10–320	Nev. Ut.
		56. umbrina Fall 06–114	Cal.Ariz.Colo. Tex. Ariz.
Cymatodera Gray 32–375	m at no	57. aethiops Wolc. 10–350 58. santarosæ Schffr. 05–152	L. Cal.
7523. puncticollis Bland 63–356	Tex. N. Mex.	59. flavosignata Schffr. 08–132	Ariz.
94 J.B4l. Tell 06 119	Ariz. L. Cal.	60. belfragei Horn 76–226	Tex.
24. delicatula Fall 06–113	L. Cal. Mex.	61. punctata Lec. 52–212	Cal.
25. turbata Horn 85–151 26. pallida Schffr. 08–128	Tex. Mex.	62. fuchsi Schffr. 04–216	Tex.
27. subsimilis Wolc. 10–343	Ariz. Ariz.	63. comans Wolc. 10–351	Ut. Tex. Ariz.
28. decipiens Fall 06–114	Cal.	64. oblita Horn 76–227	Ariz.
29. uniformis Schffr. 05–151	Ariz.	65. fuscula Lec. 52–212	Ariz.
30. pubescens Wolc. 09–94	Tex.	a. texana Gorh. 82–134	Tex.
31. longicornis Lec. 52–16	N.Mex. Utah.	66. undulata (Say) 25–174	N.S.N.C,Fla.
32. torosa Wolc. 10–347	N. Mex.		Ind.
33. antennata Schffr. 08–128	Ariz.	bosci Chev. 43–31	Wis. Ariz.
soror Wolc. 10–342	Ariz.	longicollis Spin. 44–147	
34. latefascia Schffr. 04–216	Ariz.	a. arizonica Schffr. 08–130	Ariz.
35. usta Lec. 58–71	Tex.N.Mex.	b. brunnea Spin. 44–148	Ariz.
36. isabellæ Wolc. 10–345	Ut. [Ariz.	67. balteata Lec. 54–81 fallax Horn 85–153	Ala.Tex.Cal.
37. xanti Horn 76–222	Cal.	68. ovipennis Lec. 59–76	Cal. Ariz. N.
38. obliquefasciata Schffr. 04–2		a. pilosella Lec. 65–95	Cal. [Mex.
20 simula Ham 05 150	Tex.	69. vandykei Schffr. 04–127	Cal.
39. sirpata Horn 85–152 40. tuta Wolc. 10–344	Tex. N. Mex. Nev.	70. angustata Spin. 44–149	Mex. So. Cal.
41. laevicollis Schffr. 08–130	Ariz.	71. cephalica Schffr. 08–130	L. Cal.
42. peninsularis Schffr. 04–214		72. purpuricollis Horn 94–38	Cal.
43. cylindricollis Chev. 33–11	Am.Bor? Ariz.	• •	
44. bicolor Say 25–174	Me. Ont. Ga.	Lecontella Wolc. & Chap. 18-10)7
	Wis. Tex. Ind.	7573. cancellata (Lec.) 54–81	N.H.N.C.Ia.
	Conn.	brunnea (Melsh.) 46–306	[Tex.
· ·	CLE	RINI	
Opilo Latr. 02–111		Thanasimus Latr.	
(Opilus‡ auct.)		7583. monticola Wolc. 10–357	Cal.
7574. mollis (L.) 58–388	Cosmop. Eur.	84. trifasciatus Say 25–175	Can. Vt. Pa.
75. domesticus Sturm 37–16	Cosmop. Can.	nigripes var. White 49–23	[Wis.
Priocera Kby. 18-389		85. dubius (Fab.) 77–229	Ct.Can.Pa.La.
7576. pusilla Kby. 26–518	No. Am.?	ruficeps Spin. 44–189	[Mex. Ind.
77. castanea Newn. 38–380	Can. Fla. Kan.	86. rubriventris Lec. 61–351	Cal.
maculata Ziegl. 44–268	[Mich. Ind.	87. undulatus Say 35–163	Ont. N. H.
rufescens Spin. 44–119		abdominalis Kby. 37–244	[Mont.N.Mex. H.B.T. Tenn.
78. lecontei Wolc. 10–356	Cal.	a. nubilus Klug 42–386	
Derestenus Chev. 43–13		b. melanocephalus Chev. 74-2	Alas. N. Mex.
(Colyphus Spin. 44–133)		b. melanocephalus Onev. 14-2	N.S. N.H.
7579. furcatus (Schffr.) 04–218	Tex.	88. nigriventris Lec. 61–351	Ont. Vanc.
80. melanopterus (Dury) 06–2		lecontei Wolc. 10–359	[Mex.
81. criocerides Gorh. 82–144	Mex. Cal.?		
Themanimum I at a 00 970		Plœopterus Wolc. 10–363	\

Plœopterus Wolc. 10-363
(Cleronomus ‡auct. nec Klug)
7589. thoracicus (Oliv.) 95-18 Ont. Fla. Ill.
monilis (Melsh.) 46-307 [Mex. Ind. Thanasimus Latr. 06–270 (Pseudoclerus Duv.) 7582. repandus Horn 70–342 No. Cal.

150 Cleridæ

Plæo	pterus Wolc.		Enoclerus Gahan	
1100	haagi (Chev.) 76–12		7612. lunatus Klug 42–294	N. Y. Fla. Mo.
a.	ornaticollis (Lec.) 80–194 pallipes (Wolc.) 12–55	Ia. Neb. Kan.	bicolor Melsh. 46–307 13. decussatus Klug 42–296	[Tex. Mex. only.
7590.	eyanipennis (Klug) 42-307	Mex. Tex.	hopfneri Spin. 44–256	Ariz.
	dasytoides (Westw.) 49–50 subcostatus (Schffr.) 17–131		a. ornatus Spin. 44–257 hopfneri‡ Horn	
Enoc	lerus Gahan 10–62		14. analis Lec. 52–20	Tex. Ark. O. Ill. Ariz.
	(Clerus Schklg. nec Fab.)		15. cordifer Lec. 52–21	Mont. Tex.
	pinus Schffr. 05–155 ocreatus Horn 85–154	Ariz. Kan. Colo.	16. laetus Klug 42–301 a. abruptus Lec. 58–72	Tex. Ariz. Ut. Ariz. Cal. Tex.
		Ariz.		Kan.
	humeralis Schffr. 05–155 nigrifrons Say 23–190	Cal. B.C. Ariz. Ct. Ont. Ala.	b. coccineus Schklg. 06–272 corallinus Fall 07–240	N.MexMinn. N. Mex.
		L. Sup. Neb. Ind.	17. palmi Schffr. 04–218	Ariz. N. Mex. Tex. So. Am.?
95.	quadriguttatus Oliv. 95–18	Ct.N.Am.Ind.	18. crabronarius Spin. 44–247 19. mexicanus Cast. 36–44	C.Am.N.Mex.
96	nigripes Say 23–191	Ct. Ind. Ariz. Ont. Ga. Wis.	a. silbermanni Chev. 43–21 — sexguttatus Fab. 75–823	Tex. So. Am.
	incertus Lec. 65–55	[Mex. Mich.		50. 11111.
	dubius Spin. 44–264 rufiventris Spin. 44–264	Ont. N. Y. Vt.	Trichodes Hbst. 92–154 7620. oresterus Wolc. 10–367	Tex.
		Mich.	21. peninsularis Horn 94–382	Cal.
97.	rosmarus Say 23–190 oculatus Spin. 44–267	Ct. Mass. Fla. [Ind. Okla.	22. horni Wolc.& Chap. 18–107 illustris Horn 76–231	Arız. Mex.
	angustus Lec. 52–21 virginiensis Schffr. 17–131	Va.	23. simulator Horn 80–149	Ariz. Wy.
a.	rufulus Schffr. 17–131		flavescens Ckll. 98–155 24. bicinctus Green 17–367	Tex
. 98.	eximius Mann. 43–248 holosericeus White 49–58	Cal. Or. Vanc.	25. bibalteatus Lec. 58–18 26. nexus Wolc. 10–367	Tex. Ariz. L. Cal.
	cupressi Van Dyke 15–29	Cal.	27. ornatus Say 23–189	AtlDak.
	muttkowskii Wolc. 09–98 spinolæ Lec. 53–230	Wis. Mich. Mex. Ariz.	douglasianus White 49–60 hartwegianus White 49–60	Ariz.
		Kan. Mcx. N. Mex.	a. tenellus Lec. 58–72	So. Cal. Neb.
	moestus Klug 42–298 truncatus Lec. 52–23	Neb. Or. Cal.	28. bimaculatus Lec. 74–63	Vanc. Cal. Or.
03.	sphegeus Fab. 87–125 sobrinus Walk. 66–326	B.C.Neb.Mex.	bisignatus Horn 76–231 29. nutalli Kby. 18–394	Ont. Fla. Dak.
	arachnodes Klug 42–299	Mex. Ariz.	nuthalli Spin. 44–317	[Ind.
04.	viduus Klug 42–297 rufiventris Chev. 43–11	Mex. Tex.	nuttalli auct. 30. apivorus Germ. 24–81	Can. Fla. Neb.
	erythrogaster Spin. 44-272		nutalli Say 35–164	
a.	cuprescens Gorh. 76–81 jouteli Leng 09–103	Ga. Va, N.C.	a. borealis Wolc. & Chap. 18- interruptus Lec. 52–88	Mass. Ala.
05.	ichneumoneus Fab. 77–230 rufus Oliv. 91–13	Ont. Fla. Wis.	Aulicus Spin. 41–74	
	knabi Wolc. 10–321	[Kan. Ind. Fla.	7631. nero Spin. 44–330	Mex. Tex. Cal.
	acerbus Wolc. 11–119 quercus Schffr. 05–154	Nev. Ut.	32. femoralis Schffr. 17–132 33. monticola Gorh. 82–146	Ariz. Mex. Tex.
	bimaculatus Skin. 05–291	Ariz.	Sallea Chev. 74–286	
09.	bioculatus Schffr. 05–154 opifex Gorh. 82–156	C. Am. Tex.		Mex. Tex.
10.	quadrisignatus Say 35–162 rufescens Lec. 52–212	N. J. Ga. Ind.	Xenoclerus Schklg. 02-327	
	affiliatus Lec. 58–72	. [Mex. Ariz. Tex.	(Trogodendron Horn nec Gué. 7635. edwardsi (Horn) 80–149	r.) L. Cal. Ariz.
b.	latecinctus Lec. 58–72	L. Cal. Tex. Ariz.	Serriger Spin. 41-73	
11.	badeni Gorh. 76–80	Mex. Cal. Tex.		Mex. So.Cal.
		Hypni	OCERINI	
Hydn	ocera Newn. 38–379	IIIDN	Hydnocera Newn.	
	unifasciata Say 25–176	Mass.Ala.Ind.	7642. subfasciata Lec. 65–97	Neb. Mont.
	punctata Spin. 44–54	Ariz. Ont.	a. fraterna Wole. 12–61 43. pubescens Lec. 52–28	Mass. [Ariz. Tex. Mo. Ill.
38.	cyanitineta Fall 06–116	N. Mex. Fla. Ala. Ark.	44. fuchsi Schffr. 08–132	Mont. Ariz. N. Mex.
40.	simulans Schffr. 08–333	Ariz.	nunenmacheri Schffr.08–133	Ariz.
41.	dubia Wolc. 12–60	N. Dak.	45. tibialis Wolc. 10–322	Neb.

_	ocera Newn.		Hydnocera Newn.	
	tristis Schffr. 09–381	Ariz.	7675. verticalis Say 35–164	Ont. Fla. Tex.
47.	humeralis Say 23–192	Mass. Fla.		Wis. Ct. Ind.
		Man. Cal. Ind.	76. hamata Lec. 76–297	N. Mex.
a.	difficilis Lec. 52–27	Can.Md.Man.	77. pallipennis Say 25–176	Ont. Ala. Wis.
	cyanescens Lec. 52–28	[N. Mex.	serrata Newn. 38–379	[Mo. Ct. Ind.
48.	lccontei Wolc. 12–62	Me.N.J.Man.	78. gahani Wole. 10–379	Tex.
	subænea‡ Lec. nec Spin.	[N. Mex.	79. tricondylæ Lec. 52–26	Miss. Kan. Ill.
49.	maritima Wole. 10–321	Mass.	80. nigrina Schffr. 08–134	Ariz. [Colo.
50.	tricolor Schffr. 04–219	Tex.	81. bicolor Lec. 52–213	Cal.
	plagifera Fall 06–115	Cal.	•	
52.	wickhami Wolc. 08–231	Ariz.	Isohydnocera Chapin 17-83	
53.	bimaculata Wolc. 08–232	Cal.	7682. brunnea Chap. 17–84	Kan.
54.	quadrimaculata Van D. 15-	-31	83. pusilla (Schffr.) 09–381	Ariz.
		So. Cal.	84. albocineta (Horn) 71–342	Tex.
55.	singularis Wolc. 12–62	N. C.	85. ornata (Wolc.) 08–233	Ariz.
56.	knausi Wickh. 05–168	Kan. Tex.	86. gerhardi (Wolc.) 10–323	Ariz.
57.	omogera Horn 94-383	L. Cal. Ariz.	87. schusteri (Lec.) 65–97	Ill.
58.	cribripennis Fall 06–116	Tex. [Tex.	88. curtipennis (Newn.) 40–364	
59.	binotata Chap. 18–108	Cal.	brachyptera (Klug) 42–313	
60.	discoidea Lec. 52–213	So. Cal. Mex.	lineatocollis (Spin.) 44–51	
	furcata Gorh. 86–342	[Ariz. Ut.	longicollis (Ziegl.) 44–44	Ont. D.C. Wis.
61.	scabra Lec. 52–213	Cal. Wash.		Kan. Ind.
	funebris Chev. 74–321	[Kan.	89. tabida (Lec.) 52–29	Ont. Ala. Wis.
62.	pygmæa Wolc. 12–63	So. Cal.		Kan. Ind.
63.	nigrescens Schffr. 09–381	N. C.	90. ægra (Newn.) 40–36	Fla. Ga.
64.	arizonica Schffr. 08–132	Ariz.		
	cincta Spin. 44–48	C. Am. Ariz.	Wolcottia Chapin 17–84	
66.	niveifascia Schffr. 05–156	Ariz. Mex.	7691. pedalis (Lec.) 65–97	Ill.O.N.J.Ariz.
67.	longa Lec. 84–22	Ariz. Tex.	92. sobrina (Fall) 06–117	Ariz.
68.	robusta Horn 67–135	Cal.	93. parviceps (Schffr.) 08–134	Ariz.
69.	fallax Wolc. 08–230	Colo.		
70.	subænea Spin. 44–51	Mass.	Zenodosus Wolc. 10–321	
	steniformis Spin. 44–144		(Thaneroclerus‡ auct. nec S	pin.)
71.	cœruleipennis Wolc. 08-229	Ariz.	7694. sanguineus (Say) 35–162	Ont. Ga. Wis.
72.	affiliata Fall 06–117	So. Cal.		Kan. Ct. Ind.
73.	lateralis Gorh. 83–169	Panama, Tex.	Thaneroclerus Spin. 41-73	
74.	suturalis Klug 42-313	So. Fla.	7695. girodi Chev. 80–31	Cuba, Fla.

CORYNETIDÆ

Enopliini

Enophini				
Phyllob x ni		Chariessa Perty 30–109		
Phyllobænus Spin. 44-1	O d O W'	7705. vestita Chev. 35–150	C. Am. Tex.	
7696. dislocatus Say 25–176 distrophus Klug 42–374	Ont. Ga. Wis. [Tex. Ct. Ind.	spectabilis Cast. 36–50 06. elegans Horn 70–87	Or. Cal. Tex.	
transversalis Spin. 44–4	[1ch. Ct. Ind.	lemberti Riv. 94–396		
97. merkeli Horn 96-374	So. Ariz.	07. dichroa Lec. 57–48	Cal.	
Neighbor Wale & Chap 18-10	0	08. pilosa Forst. 81–49	Can. Fla. Wis. Tex.	
Neichnea Wolc. & Chap. 18-10	3	* / C 00 107		
(Ichnea Cast. 36–55 pars)		a. marginata Say 23–187	Can. B. C. Ill.	
(Ellipotoma‡ Wole. 10– ne		· ·	Tex. Conn.	
7698. laticornis (Say) 35–164	Can. N. J. Ill.		Ind.	
	N. C.	onusta Say 28–41		
Enoplii		cincta Spin. 44–358		
Pelonides Kuwert 94–8		09. floridana Schffr. 17–133	Fla.	
(Pyticera‡ auct. nec Spin.	44-69)	10. texana Wolc. 08–70	Tex.	
$(Enoplium \ddagger auct.)$	11 00)	10. 66.6	2011.	
7699. humeralis Horn 67–135	N. Mex. Ariz.	Corinthiscus Fairm. & Germ. 6	1-4	
militaris Chev. 74–324 M		(Pelonium ‡ auct. nec Spir	1. 44–347)	
7700. granulatipennis Schffr. 04-	-220	7711. leucophæum Klug 42–366	N. J. Fla.	
	Tex.	vetustum Spin. 44–360	[L. Cal. Ct.	
01. scabripennis Lec. 65–98	L. Cal.	albomaculatum Ziegl. 44-2		
02. quadripunctata Say 23–18		venustum Hald. 45–126	.00	
			T Cal	
a. quadrinotata Hald. 53–363		12. peninsularis Schffr. 17–132		
03. nigrescens Schffr. 04–221		13. granulosum Wolc. 09–100		
04. janthina (Lec.) 65–99	L. Cal.	14. fasciatum Lec. 52–214	Cal. Tex.	

Corinthiscus Fairm.
a. trilobatus Van D. 15–32 Cal.
7715. maculicolle Schffr. 04–219 Tex.

Cregya Lec. 62–197
(Galeruclerus Gahan 10–75)
7716. oculatus Say 35–163 Mass. Fla.

Tex. Ind.
17. mixtus Lec. 65–98 Md. Tex. Colo.
18. quadrisignatus Spin.44–365 C. Am. Tex.
uneinatus Chev. 74–278
bilineicollis Chev. 74–327
quadrinotatus Chev. 74–328

Orthopleura Spin. 44–80
7719. damicornis Fab. 98–117 N. Y. Fla. Ill.
thoracica Say 23–188 [L.Cal. Ind.
nigripennis Spin. 44–82
a. pennsylvanica Chev. 74–325
Pa. Mo.

20. punctatissima Chev. 43–34 Tex. bimaculata Melsh. 46–307 Pa. texana Bland 63–356 Tex. 21. quadraticollis Spin. 44–167 N. Am.? Pa.

Corynetini

Necrobia Oliv. Lebasiella Spin. 44-77 7722. pallipes (Klug) 42–353 Pa. Tex. 7730. mesosternalis Schffr. 08-135 Ariz. nigripennis Lec. 65–99 23. discolor Klug 42–353 Mex. Cal. Tarsostenus Spin. 44-287 a. tibialis Schklg. 98-368 Mex. Cal. 7731. univittatus (Rossi) 92-44 †Cosmop. Pa. albofasciatus Melsh. 46–306 Corynetes Herbst 91–148 7724. marginella Chev. 43-42 Cal. **Ababa** Csy. 97-653 So. Cal. 25. maculicollis Lec. 74-63 (Prionostichæus Wolc. 11–125) filiola Chev. 74–326 (Prionodera | Wolc. 10-396) lineatocollis Chev. 74–326 26. discoidea Lec. 83–77 7732. tantillus (Lec.) 65-96 D.C. Mass. N. Mex. [Ala. crinita Csy. 97-654 Tex. Necrobia Oliv. 95-76 Opetiopalpus Spin. 44-110 7727. rufipes (DeG.) 75–165 †Cosmop. Ind. 28. rufieollis (Fab.) 75–57 29. violacea (L.) 58–356 (Opetiopselaphus G. & H. 69-1759) †Cosmop. Ind. 7733. luridus Spin. 44-113 †Cosmop. Ind. N. Am.

OTHNIIDÆ1

Horn 71; Champion 88; Borchmann 10

Othnius Lec. 61–102
(***?Elacatis** Pasc. 60–52)
7734. umbrosus Lec. 61–103 Neb.
35. lugubris Horn 68–132 Or.
36. longicornis (Horn) 71–334 So. Cal.
guttulatus Lec. 61–103 (indesc.)
Cal.

Othnius Lec. 7737. fasciatus Bland 64–253 Va. 38. californicus Mann. 43–228

— mexicanus Horn 68–133 C.Am. (U.S.?)

LYMEXYLOIDEA

LYMEXYLIDÆ (Lymexylonidæ)

Leach 17; Schenkling 15

Hylecœtus Latr. 06–266 (Elateroides Schf. 66–139) 7739. lugubris Say 35–166 americanus Harris 38–51

E. U. S. Ind.

Melittomma Murr. 67–314

(Lymexylon ‡ auct. nec Fab. 75–204)

(Calolymus Thunb. 91–261)

(Pterophorus Hbst. 84–47)

7740. sericeum Harris 38–52

E. U. S. Ind.

[Conn.

TELEGE USIDÆ1

Telegeusis Horn 95–242 7741. debilis Horn 95–243

L.Cal. (Ariz.?)

[†] Introduced.

¹ Regarding position of these families, see Introduction.

MICROMALTHIDÆ 1

Barber, 13

Micromalthus Lec. 78–613 7742. debilis Lee. 78–613

Mieh. O. Ky. Fla. La.²D.C. Va. N. C. N. Mex.

CUPESOIDEA.

CUPESIDÆ (Cupedidæ)

Laeordaire 57; Alluaud 00; Leeonte 74; Casey 97

Cupes Fab. 01–66
7743. eapitatus Fab. 01–66
44. eoneolor Westw. 30–440
einereus Say 35–167

44. eoneolor Westw. 30–440 einereus Say 35–167 trilineatus Melsh. 46–310 a. oculatus Csy. 97–638 S.C. Va. Mass. Tenn. Ga. Fla. Ind.Md.Mieh.

Pa. N.Y. Ind. Md. Kan. Fla.Tex.Mich. N.Y. Cupes Fab.

7745. lobieeps Lee. 74–88

Priacma Lee. 74–87 7746. serrata (Lee.) 61–351

Cal. B.C.

So. Cal. Ariz.

MORDELLOIDEA

CEPHALOIDÆ

Leconte 74; Horn 96; Casey 97, 98

Cephaloon Newn. 38–377 7747. lepturides Newn. 38–377 lepturoides Hald. 46–95 varians Hald. 46–95

L. Sup. Conn.

Sponidium Csy. 7750. pieeum Horn 96–380 51. ornatum Csy. 97–652 52. bieolor Horn 96–381 53. versieolor Csy. 97–651

B. C. Idaho. Cal. ?Colo.-B. C.

Typitium Csy. 98–193 7748. ungulare (Lec.) 74–275

N.H.-L.Sup.

Drachylis Csy. 98–193 7754. simulans Csy. 98–195

Cal.

Sponidium Csy. 98–193 7749. tenuicorne (Lec.) 74–275

Vanc. Wash.

OEDEMERIDÆ

Horn 96; Sehenekling 15.

CALOPODINÆ

Calopus Fab. 75–182 7755. angustus Lee. 51–158

Nfld. N. Mex. Can.-Wash. Tex.-Nev. **Sparedrus** Latr. 29–48 7756. aspersus (Lee.) 66–163

Tex.-L. Cal.

OEDEMERINÆ

NACERDINI

Xanthochroa W. Sehm. 46-17 7757. trinotata Lec. 66-164 58. lateralis (Melsh.) 46-54

La. So. St. Xanthochroa W. Sehm. a. signaticollis Hald. 48-96 7759. testacea Horn 96-392

Fla. Wash. Vane.

Regarding position of this family, see Introduction.
 Unpublished distribution supplied by H.S. Barber.

Mordellidæ

Xanthochroa W. Schm. 7760. californica Horn 74–39 61. marina Horn 96–392 62. centralis Horn 96–392 Nacerda Steph. 39–337 (Nacerdes ‡ auct.) 7763. melanura (L.) 58–403	Cal. Cal. Cal. Eur. Sib. Japan, Cosmop. Ind.	Nacerda Steph. apicalis (Say) 35-188	Conn. N. Y. Fla. O. Pa. Kan. Cal.
	· Ascle	CRINI	
Ditylus Fisch. 17–469 (Mimetes Esch. 18–467) 7764. gracilis Lec. 54–18 65. cœruleus (Rand.) 38–20 66. quadricollis Lec. 51–157	Or. Wash. Me. L. Sup. VancNev.	Oxacis Lee. 7784. sororia Horn 96–414 . 85. floridana Horn 96–415 . 86. grisea Horn 96–415 . 87. cana (Lee.) 54–225	Ut. Tex. Ariz. Fla. Tex. Tex. Ariz.
consors Lec. 66–70 vestitus Lec. 57–52	[Alas.	88. tæniata (Lec.) 54–21	Mex. Ga. Fla. Tex. Ind.
Copidita Lec. 66–164 7767. quadrimaculata (Mots.) 52	Alas. So. Cal.	89. bicolor (Lec.) 51–158 90. dubiosa Horn 96–418	B. CAriz. So. Cal. L. Cal.
68. notoxoides (Fab.) 01–369 69. thoracica (Fab.) 01–370 fraxini (Say) 23–272 70. suturalis Horn 96–401 71. mimetica Horn 96–402	S. C. Ga. Fla. M.StFla. [Tex. N. JFla. Kan. Tex.	91. sericea Horn 70–89 92. subfusca Horn 96–419 93. lucana (Lec.) 66–167 94. debilis Horn 96–420	Nev. So. Cal. So. Ariz. L. Cal. So. Cal. So. Cal. [Ariz.
72. obscura (Lec.) 54–21 73. bicolor (Horn) 70–88	Ariz. Colo. N. Mex. Or. No. Cal.	Rhinoplatia Horn 68–137 7795. ruficollis Horn 68–138	So. Cal.
74. cyanipennis (Horn) 70–89 75. fuliginosa (Lec.) 66–166	Cal. L. Cal.	Asclera Steph. 39–336 7796. discolor Lec. 74–70	Wash. Cal.
Alloxacis Horn 96–395 7776. dorsalis (Melsh.) 46–55 vittata (Hald.) 48–95	Atl. St. Fla.	97. nigra Lec. 52–379 98. crythrocephala (Germ.) 24	Ky. Ga. Fla.
77. pleuralis (Lec.) 66–166 78. floridana Horn 96–397 79. nitidula Horn 96–397	Fla. Tex. Fla. L. Cal.	99. puncticollis (Say) 23–273 7800. ruficollis (Say) 23–271	L. SupN. Mex. Ind. PaTex. Ind.
Oxacis Lec. 66-165 (Hypasclera Kirsch 66-210		carinata (Newn.) 38–378 01. excavata Lec. 52–158	[Conn. Cal. Nev. So. Cal.
(<i>Probosca</i> ‡ W. Schm. 46–1' 7780. lævicollis Horn 96–412 81. fragilis Horn 96–413	Ariz. Ut. Ariz.	 rufifrons (Fab.) 87–93 vestita (Say) 23–273 	N. Am. Mo.
82. granulata Lec. 66–166 83. pallida (Lec.) 54–224	So. Cal. L. Cal. (Fla.?) Tex.	Chrysanthia W. Schm. 46–17 7802. repanda Horn 96–408	D. C. Fla. Tex. So. Cal.
	OEDEMI	ERINI	
Sisenes Champ. 89-111 7803. championi Horn 94-435	So. Ariz.		
	MORDE	LLIDÆ	

Leconte 62; Smith 82, 83; Csiki 15

MORDELLINI

Tomoxia Costa 54–8		Tomoxia Costa	
7804. bidentata (Say) 24–277	M. & W. St. O. Conn. Ind.	7806. inclusa Lec. 62–45	W. St. Fla.?
05. lineella Lcc. 62–45	M. & W. St. O. Fla.	Glipa Lec. 57–17 7807. hilaris (Say) 35–190 hieroglyphica Sz. 78–372	M. & W. St. O. Fla. [Ind.

Mordella I., 58-420		Mordellistana Casta	
(Sphalera Lec. 59-17)		Mordellistena Costa 7845. biplagiata Hellm. 64–105	N. Y. Ind. O.
I.		46. intermixta Hellm. 65–96	III. N. Y.
7808. quadripunctata (Say) 24-2		47. vilis (Lec.) 58–76	Cal. So. Cal.
00 1 1 1 00 40	Mo. Kan.	48. vapida Lec. 62–49	Fla. N. Y. Pa.
09. borealis Lec. 62–46	No. St. Lab. Nfld.	49. decorella Lec. 62–49 50. bipustulata Hellm: 64–105	W.St.O. [Ind. Ill. N. Y. O.
· II.	Mid.	51. atriceps Smith 82–86	N. Y.
10. melæna Germ. 24–169	M. S. & W. St.	52. rutila Lilj. 17–10	Ill.
	O. Fla. Conn.	53. picipennis Smith 82–91	N. Y. Ga. O.
11 . 11 . 11 . 01 . 100	Ind.	54. pallipes Smith 82–92	N. Y.
11. scutcllaris Fab. 01–123	So. Cal. U.S.	55. fulvicollis (Melsh.) 46–315	Ill. N. J. O. M.& S.St. Ind.
atrata Melsh. 46–313	& Can. O. Fla. Tex. La. [Ariz.	56. ornata (Melsh.) 46–315 57. militaris Lec. 62–49	M. & N. St. O.
stimulca Mäkl. 75–569	Text But [IIII]	58. scapularis (Say) 24–277	M. & W. St.
a. lecontci Csiki 15–23	No. N.Y.	59. comata (Lec.) 58–75	U.S.Ind.O.
irrorata Lec. 62–46	Fla.		Ariz. So. Cal.
12. fuscocinerea Fall 07–254 13. inflammata Lec. 62–46	N.Mex.	picicornis Lec. 62–49	[Fla.
14. octopunctata Fab. 75–263	Fla. M.S.W.St. O.	a. cervicalis Lec. 62–49 auricoma Hellm. 65–96	
11. octopanetata 140. 10 200	Fla. Ind.	60. aspersa (Melsh.) 46–314	U.S.Ind.O.
15. carinata Smith 83–3	Fla. Tex.	- '	So. Cal. Conn.
16. perlincata Fall 07–254	N.Mex.	rubrilabris Hellm. 64–105	[Fla.
17. marginata Melsh. 46–312	U.S. N.J.N.Y.	61. indistincta Smith 82–93	N. Y.
lineata Melsh. 46–313	O. Fla. Conn. [Ind.	62. tosta Lec. 62–49	Ariz. So. Cal. N. Y. Ga. O.
18. lunulata Hellmuth 65–96	VaMich. O.	63. exilis Lilj. 17-10	Ill. [Fla.
obliqua Lcc. 78–428	[Ind.	64. errans Fall 07–257	N. Mex.
a. deserta Csy. 84–186	Ariz.	65. pallens Fall 07–255	N. Mcx.
19. serval Say 35–191	N. YMich.	66. inornata Smith 82–93	Tex.
20. angulata Lec. 78-427 21. oculata Say 35-190	Fla. [O. Ind. M. S.W. St. O.	IIC. 67. amica Lec. 62–49	Fla.Ga. Ind.O.
jovialis Lec. 78–428	[Fla. Ind.	68. minuta Smith 82–93	Ga. Fla.
22. insulata Lec. 59–16	Kan. Tex.	69. picilabris Hellm. 64–105	Ill.
23. immaculata Smith 83-5	D.C.	70. infima Lec. 62–49	So. Cal. O.
24. triloba (Say) 24–276	Fla. M. S. W.	71. andreæ Lec. 62–50	M. St.
	St. O. Ind. Conn.	72. grammica Lec. 62–50	Fla. Ga. N. Y. Ind. O.
25. undulata Melsh. 46–316	Fla. M. & S.	a. varians Lec. 62–50	Fla. M. St.
	St. O.		Ind. O.
26. fascifera Lec. 78–427	Fla. Tex.	b. ustulata Lec. 62–50 73. testacea Blatch. 10–1321	Fla.M.&S.St.
27. discoidea Melsh. 46–315 28. flaviventris Smith 83–3	M. & S. St. O. Tex.Fla. [Ind.	73. testacea Blatch, 10–1321 74. ancilla Lec. 62–50	Ind. O. O. Ga. N. Y.
20. haviventiis binith 00 0	icania. ping.	75. semiusta Lec. 62–50	M. & S. St. O.
Glipodes Lec. 62–47		76. delicatula Dury 06–251	Ohio.
7829. sericans (Melsh.) 46–312	M. & S. St. O.	77. impations Lec. 62–50	S. C. N. Y.
30. helva Lec. 62–48	Ga. Fla. [Ind.	78. ferruginoides Smith 82–94	Ga.
Mordellistena Costa 54-16		79. nigricans (Melsh.) 46–313 nigerrima Hellm. 65–96	Fla. M.& S.St. [Ind. O. Ariz.
7831. erratica Smith 83–80	Tex. Fla.	80. guttulata Hellm. 64–105	Ill.
32. tarsalis Smith 83–80	Tex.	81. ruficeps Lec. 62–50	M. & S. St.
I.	711 0 0	82. nubila (Lec.) 58–76	Cal. So. Cal.
33. bicinctella Lec. 62–48	Fla. So. St.	. 83. splendens Smith 82–95 84. rufa Lilj. 17–11	Fla. Ill. Ill.
34. confusa Blatch. 10–1316 35. frosti Lilj. 18–156	Ind. [Ind. O. Maine.	85. floridensis Smith 82–95	Fla.
IIA.	zizwiiic.	III.	
36. arida Lec. 62–48	Pa. N. Y. Ind.		Ohio.
07.1. 07.11. 40.047	O		Tex.
37. lutea (Melsh.) 46–315	Fla. Pa. Ga. Ind. O.		Fla. U.S. Ind.
IIB.	ma. O.		Ky.Ind.O. [O. N. Mex.
38. trifasciata (Say) 26–243	Fla. U.S. Ind.	91. fuscipennis (Melsh.) 46–314	
nigricollis Hellm. 64–105	[O.	92. pectoralis (Lec.) 50–231	L. Sup.
39. lepidula Lec. 62–48	U. S. Ind. O.	93. morula Lec. 62–50	Minn. N. Y.
40. falli Csiki 15–34 festiva Fall 07–255	N. Mex.	94. ambusta Lec. 62–50	Ind. O.
41. limbalis (Melsh.) 46–315	M. St. Ind. O.		Ariz. Fla. M. & S. St. Ind. O.
42. elegantula Smith 82-90	L. I.	95. nunenmacheri Lilj. 18–157	Or. No. Cal.
43. pratensis Smith 83–80	Fla.		Ohio, Ind.
44. dimidiata Hellm. 64–105	Ill.	97. singularis Smith 82–96	Ga.
		•	

Mordellistena Costa.	rn.	Mord	ellistena Costa.	
7898. insolita Lilj. 17–11 99. unicolor Lec. 62–50 7900. sericans Fall 07–256	Tex. So. Cal. Fla. U.S. Ariz. Ind. N. Mex. [O.	14.	V. fuscata (Melsh.) 46—313 hoosieri Blatch. 10–1325 pityptera Lec. 62–51	Fla. Pa. N. Y. Ind. [Ind. O. Pa. Tex.
01. marginalis (Say) 24–278 02. divisa Lec. 59–17	Fla. M. & W. St. Ind. O. Kan. Ind.	16. 17. 18.	rufescens Smith 82–97 cinereo-faseiata Sm. 82–98 masoni Lilj. 18–157	Nev. N. Y. N. J.
03. schauppi Smith 82–96 04. vera Lilj. 17–11 05. æqualis Smith 82–96	N.Y. [N.Mex. Mo. No. Ill.	20.	ethiops Smith 82–98 texana Smith 82–98 fusco-atra Hellm. 64–105	Colo. Tex. Ill.
06. conformis Smith 83–4 07. pulehra Lilj. 17–12	Tex.	22.	gigas Lilj. 17–13 suturella Hellm. 64–105	Ill. Ill. Ind. O.
08. wolcotti Lilj. 17–12 IV.	Ia.		rufiventris Hellm. 64–105 angusta Lec. 62–51	Ill. Ga. (Ariz.?)
09. scalaris Hellm. 64–105 10. pubescens Fab. 98–127 hebraica Lec. 62–51	Ill. U. S. Ind. O. [Conn.	25.	VI. attenuata (Say) 26–243 vittigera Lec. 62–51	Pa. N. Y. O.
leporina Lec. 62–51 modesta (Melsh.) 46–314			discolor (Melsh.) 46–313 emula Lec. 59–16	M. & S. St. O. Kan. O.
7911. bihamata (Melsh.) 46–313 12. liturata (Melsh.) 46–314	Pa. Ind. M. & S. St. Ind. O.	_	ferruginea (Fab.) 01–124 nigripennis (Fab.) 98–127 rufula Hellm. i litt.	N. Am. N. Am. N. Am.
	Anase	PIDINI		
Diclidia Lcc. 62–43 7928. lætula (Lec.) 58–76	Tex. Colo. O.		pis Geoffr. nigrina Csiki 15–69	L. Sup. N. Y.
29. propinqua Lilj. 18–153 30. greeni Lilj. 18–153	N. Mex. Tex.		nigra (Hald.) 48-99	Vt. H. B. T. [Nfld.
Anthobates Lec. 50-231			atrata Champ. 91–259 atra Lec. 51–157	Colo.Cal.Mex. So. Cal.
(Pentaria Muls. 56–391) 7931. trifasciatus (Melsh.)46–312			militaris Smith 82–77 sericea Mann. 43–288	Cal. Alas. Cal.
32. fuseulus Lec. 62–44 33. nubilus Lec. 59–78	Ind. Ariz. Tex. N. Mex. Cal. So. Cal.		luteipennis Lec. 51–157 flavipennis Hald. 48–100 rufa Say 26–244	N.Y.Ga.Minn. Fla. So. M. W.
34. hirsutus Smith 82–76 35. dispar Lilj. 18–154	Cal. So. Cal. N. Mex.		filiformis Lec. 50–231	St. Conn. Ind. [Nfld.
36. bicolor Lilj. 18–155 37. pallidus Lilj. 18–156	Tex. N. Mex.	я	nigriceps Lec. 59–88 pallescens Mann. 43–288 ventralis Melsh. 46–312	Alas. Pa.
Anaspis Geoffr. 62–315 (Anaspis s.str. Emery 76–1	13)	44.	pusio Lec. 58–76 eollaris Lec. 51–157	So. Cal. Ariz. Cal. So. Cal.
			-	
Garatmakar 5	RHIPIPH		DÆ); Pierce 04; Csiki 13	
Ocisiachei e	Peleco		, Tierce 04, Csiki 19	
Pelecotoma Fisch. 09–293 7946. flavipes Melsh. 46–318	S. C.		scopus Lec. 68–54 wrighti Lec. 68–54	N. Mex.
Pelecotoides Cast. 40–263 7947. nubilus Gerst. 55–4	Peru & Tex.			
II . 00 400	Rнірірі	HORINI	99 1 0 70 404 /	
Macrosiagon Hentz 30-462 (Emenadia Cast. 40-261) (Rhipiphorus Fab. 92-10		b.	?3-maculatus Sz. 78–464 (e sayi (Lee.) 58–21 puncticeps (Lec.) 58–20	[Fla.
7949. flavipenne (Lec.) 66–153 Macrosiagon Hentz	Pa. Ga. Ill. So. Cal. Conn.	53.	pectinatum (Fab.) 75–263 ambiguum (Melsh.) 46–317 dubium (Melsh.) 46–316	
abdominale (Lec.) 66–154 7950. dimidiatum (Fab.) 81–332	N. Y. Fla. Mo.		fasciatum (Melsh.) 46–317 nigrum (Melsh.) 46–317	
marginale (Lec.) 66–154 σ 51. bifoveatum (Horn) 75–123	Ill.		sexmaculatum (Fab.) 75–20 humeratum (Fab.) 01–119 impressum (Melsh.) 46–316	S. C.
7952. octomaculatum (Gerst.) 55 bicolor (Say) 23-275	Ga. Fla. Kan. [Tex.		longipes (Melsh.) 46–317	Pa.

Meloidæ 157

	Rhipiphorus Bosc	
i Pa.	7958. luteipennis Lec. 65–97	N. Y. N. Mex.
S.C.	59. nevadicus (Lec.) 80–211	Nev. N. Mex.
24-169	60. scmiflavus Lec. 65–97	Md.
7 Pa. [S. C.	61. popenoei (Lec.) 80–210	Kan. Colo.
S. C.	62. minimus (Pierce) 04–159	Neb.
S. C.	63. scaber Lec. 52–67	N. Mex. Okla.
S. C. Fla.	64. vierecki (Fall) 07–259	N. Mex. Ariz.
GaSo. Cal.	65. solidaginis (Pierce) 02–293	Neb.
Fla. Ariz. Ind.	66. californicus (Lec.) 80–211	Cal. So. Cal.
Cal. So.Cal.	67. fasciatus (Say) 23–274	Pa. Ill. Mo.
Ariz.	` •	Ind. Conn.
Neb. Mich.	americanus (Guér.) 44–369	
PaTex. Fla.	a. brunneus (Pierce) 04–160	Neb.
Ky.[Ind.Conn.	68. schwarzi (Lec.) 80–211 o	Fla.
•	zeschi (Lec.) 80–211 ♀	N. Y.
	69. walshi Lec. 65–97	Ill. N. Y.
	70. stylopides (Newn.) 38–376	Can.N.Y.D.C.
		Pa.
	• • • • • • • • • • • • • • • • • • • •	
-2123)		
	S. C. 24–169 7 Pa. [S. C. S. C. S. C. S. C. Fla. GaSo. Cal. Fla. Ariz. Ind. Cal. So.Cal. Ariz. Neb. Mich. PaTex. Fla. Ky.[Ind.Conn.	7958. luteipennis Lec. 65–97 S. C. 24–169 7 Pa. [S. C. S. C. S. C. S. C. S. C. S. C. Fla. GaSo. Cal. Fla. Ariz. Ind. Cal. So.Cal. Ariz. Neb. Mich. PaTex. Fla. Ky.[Ind.Conn. 7958. luteipennis Lec. 65–97 59. nevadicus (Lec.) 80–211 60. scmiflavus Lec. 65–97 61. popenoei (Lec.) 80–210 62. minimus (Pierce) 04–159 63. scaber Lec. 52–67 64. vierecki (Fall) 07–259 65. solidaginis (Pierce) 02–293 66. californicus (Lec.) 80–211 67. fasciatus (Say) 23–274 68. schwarzi (Lec.) 80–211 ♂ zeschi (Lec.) 80–211 ♂ zeschi (Lec.) 80–211 ♂ zeschi (Lec.) 80–211 ♀ 69. walshi Lec. 65–97 70. stylopides (Newn.) 38–376 — flavicornis (Say) 23–274

RHIPIDIINI

Rhipidius Thunb. 06-5

(Symbius Sundevall 31–1222)

7970½. pectinicornis Thunb. 06–5 blattarum Sund. 31–1222 Eur.N.A.†

MELOIDÆ

 $(Lyttidx^{-1})$

Leconte 53, 66, 80; Horn 73, 75, 85, 91; Casey 91; Fall 01; Wellman 10

MELOINÆ

MYLABRINI

Cordylospasta Horn 75–152 7971. fulleri Horn 75–152

Nev.

LYTTINI

concing a. termin	rina Chev. 34–3 na Csy. 91–174 ata Lec. 66–159 nanni (Lec.) 51–91	Mex. & Ariz. W. Tex. Kan. Colo. & Westw. Ut. MoTex. Ind.	Pyrota Lec. 7983. divirgata Villada 67-15 84. trochanterica Horn 94-439 85. invita Horn 85-114 a. limbalis Lec. 66-160 86. lineata (Oliv.) 95-14	Mex. Tex. L. Cal. Tex. Va. Fla. Ga. Tex. La. Fla.
•	ta Csy. 91–173 Lec. 66–160	W. Tex. Ariz. N. Mex. TexMex.	87. bilineata Horn 85–115 88. sinuata (Oliv.) 95–9	Colo. Ariz. N. Mex. S. C. Fla. La.
dubita	ostata Dug. 80–60 bilis Horn 85–113	Ariz. MexTex. Mex. Border,	afzeliana (Fab.) 01–78 — infirma?	Tex.
rufiper 77. oblique 78. akhurs 79. insulat 80. dakota 81. german	ra ‡ (Lec.) 58–22 nnis Chev. 35–80 efascia Schffr. 08–320 etiana Horn 91–42 na (Lec.) 58–22 na Wickh. 03–73 ri (Hald.) 46–303 lea (Lec.) 53–338	[Tex. Ariz. N. Mex. Ariz. Tex. S. Dak. Md. N. C. Va. Tex. [Ga.	Pomphopæa Lec. 62–273 7989. polita (Say) 23–302 a. femoralis Lec. 53–336 90. sayi Lec. 53–336 ænea var: Say 24–288 pyrivora Fitch 56–354 91. unguicularis Lec. 66–160 92. texana Lec. 66–161	Ga. S.C. Fla. La. Fla. Ill. Can. Tex. Ill. [Conn. N. Y. Ill. Conn. Tex.

† Introduced.

¹ Meloe L. dates from 1758: Lytta Fab. dates from 1775. Wellman prefers the name Lyttidæ for the family because the genus Lytta is the typical one of the family, but this reason seems insufficient to overcome the priority of Meloe. Cantharidæ has also been used, but improperly as the earliest use of Cantharis is in a different family.

Pomphopæa Lec.		Epicauta Redt.	
7993. ænea (Say) 23–301	Pa. Ill. Tex.	8034. maura Lec. 51–162	Cal. So. Cal.
nigricornis Lec. 48–90	Ind. Conn. Mo.	35. alphonsei Horn 74–38	Cal. So. Cal.
tarsalis Bland 64-71	Ill.	Meanahagia I oo 69 979	
filiformis Lec. 48–91	Tex.	Macrobasis Lec. 62–272 (Apterospasta ‡ Lec. 62–27	2)
- 1		8036. albida (Say) 23–305	Kan. Colo.
Epicauta Redt. 45–621 7994. sanguinicollis Lec. 53–344	Fla.	lutcicornis Lec. 54–84 &	Tex. [N.Mex.
95. albolineata (Sturm) Dug. 7		37. longicollis (Lec.) 53–343	Tex. Ariz.
duplicata Csy. 91–172	Ariz.	sublineata (Lec.) 53–447 Q 38. atrivittata (Lec.) 54–224	Tex. [N.Mex. Tex. Ariz.
A.	0.00	55. Willyletata (1560) 51 222	N. Mex.
96. oblita Lec. 51–162 97. puncticollis (Mann.)43–288	So. Cal. Or.	39. purpurea Horn 85–108	Ariz.
98. trichrus (Pallas) 81–100	Ind. PaTex.	40. virgulata Lec. 66–156	L. Cal. Tex. Mass.
convolvuli (Mclsh.) 48–53	[Can.	41. torsa (Lec.) 53–343	Ind.
99. merkeliana Horn 91–43	Ariz.	42. unicolor (Kby.) 37–241	Ind. CanGa
8000. strigosa (Gyll.) 17–18 nigricornis (Melsh.) 48–53	PaGa. Fla.		Ariz. Conn.
01. watsoni Blatch. 18–58	Fla.	cinerea (Fab.) 98–119	Fla.
02. batesi Horn 75–153	GaFla. N. J.	fabricii (Lec.) 53–343	
03. heterodera Horn 91–43	No. Fla.	$42\frac{1}{2}$. debilis (Lec.) 53–344	L.Sup.
04. ferruginea (Say) 23–298	Ind. Dak N. Mex. Ariz.	murina (Lec.) 53–344	T (1)
	Can.	43. excors Fall 09–166 44. flavocinereus Blatch. 10–13	L. Cal.
05. sericans Lec. 66–158	Ariz. Kan.	44. havocinereus Diatch. 10-13	Ind .
?immerita Walk. 66–330	[N. Mex. Or.	45. tenuis (Lec.) 53–343	Ga. Fla.
06. pruinosa Lec. 66–158 07. callosa Lec. 66–158	KanUtah. DakTex.	46. tenuilineata Horn 94–436	L. Cal. Ariz.
B.	DanICA.	47. linearis (Lec.) 58–23 48. languida Horn 95–252	Tex. L. Cal.
08. caviceps Horn 73–99	Ariz.	49. ochrea (Lec.) 53–342	Tex. Ariz.
09. rileyi Horn 74–37	Ariz.	50. gissleri Horn 78–58	N. Mex.
10. straba Horn 91–42 11. ruidosana Fall 07–258	So. Cal. N. Mex.	51. lauta Horn 85–108	Ariz.
C.	11. ITICA.	52. tenella (Lec.) 58–23	Tex. Ariz. Ind.Kan.Colo.
12. pedalis Lec. 66–157	L. Cal. Tex.	53. immaculata (Say) 23–301 articularis (Say) 23–301	[Tex. Ariz.
13. insignis Horn 85–110	Ariz. [Ariz.	fulvescens (Lec.) 53–447	
14. nigritarsis Lec. 53–340 15. ingrata Fall 07–258	Tex. N. Mex.	54. segmentata (Say) 23–303	Kan.Tex.Ariz.
16. pardalis Lec. 66–157	Ariz. Tex.		N.Mex. Mont. La.
17. maculata (Say) 23–298	N. Mex. Dak.	valida (Lec.) 58–39	La.
I 59 240	Or. Ill. So.Cal.	— boreii Dug. 89–50	Tex.?
conspersa Lec. 53–340 18. vittata Fab. 75–260	[Ariz. M.St. Can.		
10. 1100000 1 00. 10 200	Ind. Conn. Ia.	Lytta Fab. 75–260	
chapmani (Woodh.) 00-21		(Cantharis Geoff. nec L.)
19. lemniscata Fab. 01–279	Fla. So. St. Ill.	I. 24.56	Mex. Tex.
20. abadona Skin. 04–217 21. alastor Skin. 04–217	Ariz. [Kan. Ariz.	8055. euccra Chev. 34–56 56. mutilata Horn 75–155	Ariz.
22. stuarti Lec. 68–54 •	N. Mex. Kan.	57. peninsularis Fall 01–300	L. Cal.
23. wheeleri Ulke 75–812	Ariz. [Colo.	58. quadrimaculata Chev. 34–	
24. cinerea (Forst.) 71–62	M. St. Ind. 13 [Conn.	50 vulnorete (Lee) 51-150	Mex. Tex. So. Cal. Nev.
clematides (Woodh.) 00-23 fimbriata (Thunb.) 91-109	-	59. vulnerata (Lec.) 51–159 angulicollis Dug. 89–105	Or.
a. marginata (Fab.) 75–260	Conn. Ind.	a. cooperi Lec. 54–18	Cal. Wash. Id.
25. cupreola Dug. 69–112	Ariz. Mex.	60. margarita Fall 01–300	L. Cal. Is.
26. oregona Horn 75–153 27. funebris Horn 73–102	Or. [Tex. Tex.	61. magister Horn 70–90	So. Cal. Ariz. Ariz. N. Mex.
28. levettei Csy. 91–171	Colo.	62. descrticola Horn 70–90 63. pilsbryi Skin. 06–217	Tex.
29. melanochroa Wellm. 10–24		64. morosa Fall 01–301	So. Cal.
nigra Dug. 69–161	Mex. (U.S.?)	65. melæna Lec. 58–76	Ariz. L. Cal.
30. fissilabris Lec. 50–232 31. fallax Horn 85–111	L.Sup. H.B.T. So. Cal.	66 nuttalli Say 22_200	So. Cal. Kan. Colo.
32. corvina Lec. 58–21	Colo. Ariz.	66. nuttalli Say 23–300	Mont. Wy.
33. pennsylvanica (DeG.)75–13	5 M. St. Tex.		Can.
-tt- (T-1) == 000	Can. Conn.	fulgifer (Lec.) 51–90	The C
atrata (Fab.) 75–260 coracina (Ill.) 04–171	[Ind.	67. cyanipennis Lec. 51–160 salicis Lec. 53–333	Utah-Or. Can.
nigra (Woodh.) 00–213		68. viridana Lec. 66–162	KanMan.
morio Lec. 53-447		69. tenebrosa Lec. 51–160	So. Cal.

Lytta Fab. 8070. ulkei Beauregard 89–212 lugubris Ulke 75–812	Nev. E. Cal.	Pleuropompha Lec. 62–273 8106. costata Lec. 54–84	Tex.
71. blaisdelli Fall 09–166 72. childi Lec. 57–52	No. Cal. So. Cal. L. Cal.	Gnathospasta Horn 75–154 8107 mimetica Horn 75–154	Tex.
73. funerea Fall 01–301 74. puberula Lec. 66–162	Cal. Ariz. Colo.	Tetraonyx Latr. 33-160	
75. biguttata Lec. 53–332	ArizMont.	8108. frontalis Chev. 33–14	Tex.
II.		09. dubiosa Horn 94–440	L. Cal. Mex. Ariz.
76. suavissima Wellm. 10–24 gentilis Horn 83–311	N. Mex. Ariz.	10. femoralis Dug. 70–104 11. fulva Lec. 53–344	Ariz. Tex.
77. mærens Lec. 51–216	So. Cal.	12. quadrimaculata Fab. 75-5	N. Mex.
78. insperata Horn 74–39 79. molesta Horn 85–111	So. Cal. So. Cal.		o da. S.O. Fla.
80. reticulata Say 23–305	Kan. Colo.	Calos pastides	
81. agrestis Fall 01–302	Ariz. [N. Mex.	Phodaga Lec. 58–76 8113. alticeps Lec. 58–77	Mex. Ariz.
82. cribrata Lec. 53–447	Tex.	orro. articeps Lec. 98-11	So. Cal.
83. fulvipennis Lec. 53–331 cardinalis ‡ Lec. 53–447 (n	Colo. Tex.	Negalius Csy. 91-175	
84. dichroa Lec. 53–332 lecontei Heyden	Mex. Tex.	8114. marmoratus Csy. 91-175	W.Tex. L.Cal. Ariz.
85. occipitalis Horn 83–312	So. Cal.	Eupompha Lec. 58–21	m :
86. incommoda Horn 83–312 nunnenmacheri Wellm. 12-	So. Cal. -36	8115. fissiceps Lec. 58–21	Tex.
	No. Cal.	Tegrodera Lec. 51-159	
87. stolida Fall 01–302 88. stygica (Lec.) 51–161	Cal. So. Cal. Or.	8116. erosa Lec. 51–159	So. Cal. L. Cal.
a. smaragdula Lec. 51–160	Cal. [Wash.	a. aloga Skin. 03–168 b. inornata Blaisd. 18–334	Ariz. Ariz.
b. dolosa Lec. 61–354		17. latecincta Horn 91–44	So. Cal.
89. arborea Wellm. 12–34	No. Cal.		
90. purpurascens Fall 01–302 91. chloris Fall 01–303	So. Cal. Cal.	Pleuropasta Wellm. 09–20	O 777 77. 3
92. nigripilis Fall 01–303	Cal.	8118. mirabilis (Horn) 70–121	S. W. Utah, Ariz. So. Cal.
93. auriculata Horn 70–91	Cal. L. Cal.	Calospasta Lec. 62–273	Aliz. So. Cal.
94. refulgens Horn 70–91 95. æneipennis (Lec.) 51–160	Cal. [So. Cal. So. Cal.	8119. histrionica Horn 91–100	So. Cal.
96. crotchi Horn 74–38	So. Cal.	20. viridis Horn 83–312	Colo. N. Mex.
97. difficilis Fall 01–303	So. Cal.	21. elegans (Lec.) 51–161 a. humeralis Horn 70–93	So. Cal. So. Cal.
98. nitidicollis Lec. 51–160 99. lugens (Lec.) 51–161	So. Cal. L. Cal. So. Cal.	22. perpulchra Horn 70–92	So. Cal.
8100. hoppingi Wellm. 12–35	Cal.	23. decolorata Horn 94–437	L. Cal.
01. rathvoni Lec. 56–335	Cal.	24. schwarzi Wellm. 09–23 25. sulcifrons Champ. 92–394	Cal. Mex. Ariz.?
III.		26. fulleri Horn 78–59	So. Cal.
02. sphæricollis Say 23–299	KanE.Wash.	27. mœsta Horn 78–59	So. Cal.
chalybea (Lec.) 51–160 03. infidelis Fall 01–303	Or. Wash. Or. Cal.	28. morrisoni Horn 91–102 29. nemognathoides Horn 70–9	So. Cal. 2So. Cal. Ariz.
04. compressicornis Horn 70–9		30. wenzeli Skin. 04–217	Ariz.
05. convexa Lec. 53–336	Tex. Colo.	31. imperialis Wellm. 12–37	Cal.
	Mel	OINI	
Gynacomelodides		Henous Hald. 52–377	
Gynæcomeloe Wellin. 10–217	T) • \	8137. confertus (Say) 23–281	Mo. Tex.
(Gynapteryx Wellm. 09–19 i 8132. opaca (Horn) 68–139	nec Fairm.) So. Cal.	techanus Hald. 52–377	
	50. Cui.	Meloides	
Cysteodemus Lec. 51–158		Meloe L. 58–419 8138. montanus Lec. 66–155	Mont.
8133. armatus Lec. 51–158	So. Cal. Ariz.	39. tinetus Lec. 66–155	Neb.
34. wislizeni Lec. 51–158	N. Mex. Ariz.	40. carbonaccus Lec. 66–155	Neb.
Moretra Lag 50 197		41. afer Bland 64–70	Neb.
Megetra Lec. 59–127 8135. vittata Lec. 53–330	N. Mex. Ariz.	42. impressus Kby. 37–242 a. niger Kby. 37–241	Can. M. St. Can. [Ind.
cancellata ‡ Lec. nec Br.&I	Er. 32–141	americanus Br.& Er. 32–11	8
	Mex.	43. opacus Lec. 61–354	Cal.
A pteros pastides		44. barbarus Lec. 61–354 45. perplexus Lec. 53–329	So. Cal. Is. Pa.
Poreospasta Horn 67-139		46. strigulosus Mann. 52–349	Alas. Cal.
8136, polita Horn 67–139	Cal.		(So. Cal.?)

160	Euryst	ETHIDÆ	
Meloe L. 8147. angusticollis Say 23–280 rugipennis Lec. 53–328 48. americanus Leach 15–251 angusticollis ‡ Lec. 53–328 49. mœrens Lec. 53–328 50. lævis Leach 15–249 sublævis Lec. 54–84	Pa. Can. Ind. M.St. Ga. Can. Ind. M. St. N.Y. W.I. N. Mex. Ariz.	Nomaspis Lec. 66–156 8151. parvula (Hald.) 52–377 52. sublævis Horn 67–140	Utah, N. Mex. Cal.
	ZONIT	INÆ	
	SITAI	RINI	
Hornia Riley 77–564 8153. minutipennis Riley 77–564 54. gigantea Wellm. 11–16	Mo. Kan.	Leonidia Ckll. 00–11 (<i>Leonia</i> Duges 89–211) 8155. neomexicana Ckll. 99–416	N. Mex.
	Zoni	TINI	
Zonitides Zonitis Fab. 75–126 8156. atripennis Say 23–306 57. flavida Lec. 53–349 58. bilineata Say 17–22 lineata Melsh. 46–53 mandibularis Melsh. 46–53 59. sulcicollis Blatch. 10–1357 60. longicornis Horn 70–93 61. martini Fall 07–257 62. vigilans Fall 07–257 63. rufa Lec. 54–85 64. vittipennis Horn 75–155 65. californica Wickh. 05–171 66. vermiculatus Schffr. 05–138 Nemognathides Gnathium Kby. 18–425 8167. francilloni Kby. 18–426 flavicolle Lec. 58–23 68. minimum Say 23–306	Ga. Tex. Ark. Kan. Tex.	Nemognatha Ill. vittata Fab. 01–24 texana Lec. 53–347 8180. punctulata Lec. 53–347 a. flavipennis Uhler 55–418 81. nigripennis Lec. 53–347 82. nemorensis Hentz 30–258 bimaculata Melsh. 46–54 83. cribraria Lec. 53–348 84. scutellaris Lec. 53–347 85. immaculata Say 17–22 sayi Wickh. 05–171 86. bridwelli Wellm. 12–38 87. punctipennis Lec. 80–214 88. dunniana Csy. 91–170 89. sparsa Lec. 68–53 90. zonitoides Dug. 74–47 91. vittigera Leg. 53–348	Tex. Ga. Va. Ind. N.Mex.So.Cal. Ala. M. S. W. St. Ind. Fla. N. Y. M. W. St. N. Mex. So. Cal. Utah. Kan. Colo. N [Mex. Ariz. So. Cal. Ariz. Tex. Colo. N. Mex. Ariz. Mex. Tex.
20. 1 1 N T 20.77	N. Mex. Ariz.	91. vittigera Lec. 53–348	Ariz. Ill. Mo.

00. verimediated being: 00 200	C cccii.
Nemognathides	
Gnathium Kby. 18–425	
8167. francilloni Kby. 18-426	Ga.
flavicolle Lec. 58–23	Tex.
68. minimum Say 23–306	Ark. Kan. Tex
	N. Mex. Ariz.
69. longicolle Lec. 58-77	Tex.
70. texanum Horn 70–94	Tex. Ariz.
71. nitidum Horn 70–95	So. Cal. Ariz.

Nemognatha Ill. 07-333	
8172. lurida Lec. 53–345	Kan. Ariz.
decipiens Lec. 53–347	Or.
73. apicalis Lec. 53–345	Cal. So. Cal.
?bicolor Walk. 66–331	Vanc. [Ariz
walkeri Beaur. 89–212	
74. lutea Lec. 53–346	Kan. Ariz. Cal
pallens Lec. 53–346	Cal. [(So.Cal?)
75. bicolor Lec. 53–345	Kan.Colo.Tex
discolor Lec. 58–77	Tex.
76. dichroa Lec. 53–346	Mont. Or. Cal
	Ariz.?
77. dubia Lec. 53–346	So. Cal. Or.
78. palliata Lec. 53–346	L. Sup. Mont.
79. piezata Fab. 98–104	Ga.AtlMont
	Fla. Ariz.?

	73.1 O4 O4	
	vittata Fab. 01–24	
	texana Lec. 53–347	Tex.
3180.	punctulata Lec. 53–347	Ga.
	flavipennis Uhler 55–418	Va. Ind.
	nigripennis Lec. 53–347	N.Mex.So.Cal.
	nemorensis Hentz 30–258	Ala. M. S. W.
٠	nemorensis Henez 50 256	St. Ind. Fla.
	himaculate Malah 16 51	N. Y.
0.0	bimaculata Melsh. 46–54	* ' * *
83.	cribraria Lec. 53–348	M. W. St.
		N. Mex.
	scutellaris Lec. 53–347	So. Cal. Utah.
85.	immaculata Say 17–22	Kan. Colo. N
	sayi Wickh. 05–171	[Mex. Ariz.
86.	bridwelli Wellm. 12–38	So. Cal.
	punctipennis Lec. 80–214	Ariz.
	dunniana Csy. 91–170	Tex.
	sparsa Lec. 68–53	Colo. N. Mex.
00.	sparsa Lec. 00 00	Ariz.
00		
	zonitoides Dug. 74–47	Mex. Tex.
91.	vittigera Lec. 53–348	Ariz. Ill. Mo.
		Ind. Tex.
92.	perforata Csy. 91–170	Tex.
93.	cribricollis Lec. 53–348	S. & W.St. Tex.
		Ind. Ariz.
	porosa Lec. 53–349	Ga.
	fuscipennis Lec. 53–349	Mo.
	calceolata Guér. 29–136	N. Am.
	carecorata O del. 25-150	IV. AIII.

Tricraniides

Tricrania Lec. 60–320 8194. sanguinipennis (Say) 23–279 Pa. Ct. Ind. 95. murrayi Lec. 60–320 Or.

Tricraniodes Wellm. 10–219 8196. stansburyi (Hald.) 52–377 Utah.

Horiides

Horia Fab. 87-164

8197. auriculata Champ. 92–372 C.Am. Mex.

maculata‡ Lec. & Horn 83-417 nec Swed.

EURYSTETHIDÆ (Aegialitidæ)

Wickham 04; Borchmann 10; Van Dyke 18

Eurystethus Seidl. 16-127					
	(Aegialites Mann. 53–180)				
	(Elosoma‡ auct. nec Mots. 45-33)				
8198.	californicus (Mots.) 45-33 Alas.				

Eurystethus Seidl.	
debilis (Mann.) 53–180	
8199. fuchsi (Horn) 92–143	Cal
8200, subonacus Van D. 18-308	Cal

PEDILIDÆ

PYTHIDÆ

Leconte 68; Horn 68, 88; Wickham 99

Sphalma Horn 72–150 8201. quadricollis Horn 72–151	Cal.	Trimitomerus Horn 88–44 8207. riversi Horn 88–45	Ariz.
Lecontia Champ. 93–453 (Crymodes Lec. 50–234) 8202. discicollis (Lec.) 50–233	Can. L. Sup.	Cononotus Lec. 51–137 8208. macer Horn 68–136 09. punctatus Lec. 51–138 10. sericans Lec. 51–137	Cal. So. Cal. So. Cal. So. Cal.
Pytho Latr. 96–23	•		
8203. niger Kby. 37–164	Lab. Can.	Salpingus Gyll. 10–640	
04. planus Hbst. 97–14 americanus Kby. 37–165	N. Eng. Eur. & N.Am. CanN. C. O.	8211. virescens Lec. 50–232 12. alternatus Lec. 59–285	L. Sup. Ind. Can. Lab. No. Cal. Or.
u	Mich. Wis.	13. tibialis Lec. 66–168	Kan. [N. H.
deplanatus Mann. 53–268 ?depressus (L.) 66–675	Alas. [Kan. Eur. Sib.	14. elongatus Mann. 52–350	Alas.
05. strictus Lec. 66–168	Can. Pa.	Rhinosimus Latr. 05–231	
Priognathus Lec. 50–233 8206. monilicornis (Rand.) sahlbergi Mann. 43–285	Can.Me.Vanc. Alas.	8215. æneirostris Mann. 53–45 16. pallipes Boh. 58–112 17. viridiæneus Rand. 38–23 nitens Lec. 66–168	Alas. Cal. (?) Me. Ind. Can. Me. Can.
sambergi Wiaim. 45–265	Alas.	intens Lec. 60–108	Me. Can.

PYROCHROIDÆ

Lecon te 55; Horn 88; Blair 14

Ischalia Pasc. 60-54		Schizotus Newn.	
(Eupleurida Lec. 73–335)		8223. californica Horn 91–45	So. Cal.
8218. costata (Lec.) 66–142	N.YN.C. Ind. Md. Va.	24. cervicalis Newn. 38–375	L. Sup. N. Y. Ind. Conn.
10 11 00 1			ind. Conn.
19. vancouverensis Harr. 92–1	32 [L. Sup. Vanc. Id. Cal.	Dendroides Latr. 10-212	
	vanc. 1d. Car.	8225. bicolor Newn. 38–375	CanFla. Ind.
Neopyrochroa Blair 14-315 (Pyrochroa Geoffr. 62-338)		canadensis Lec. 55–275	M. S. & W. St.
			Conn.
8220. flabellata Fab. 98–105	M. St. Conn. Ind.	26. concolor Newn. 38–375	Can.M.&N.St.
24 0 11 7 77 077			Ind. Conn.
21. femoralis Lec. 55–274	M.&W.St.Ind.	27. picipes Horn 80–154	No.CalWash.
	Conn.	28. ephemeroides (Mann.) 52-	348
Schizotus Newn. 38–375		* , ,	AlasWash.
8222. fuscicollis Mann. 54–301	Sib. Alas.	?testacea Lec. 55–275	L.Sup. Can.

PEDILIDÆ

Leconte 55; Horn 71, 83; Pic 11; Fall 15

PEDILINI

Pedilus Fisch. 22–35		Pedilus Fisch.	C I M
(Corphyra Say 35–189)	N. O.I	8238. punctulatus (Lec.) 51–151	
8229. flabellatus (Horn) 83–306	Nev. Cal.	a. funebris (Horn) 71–286	Cal. [Wash.
30. crotchi (Horn) 74–41	Cal.	39. oregonus Fall 15–24	Or. No. Cal.
31. abnormis (Horn) 74–40	Cal.Nev.Colo.	40. cavatus Fall 15–25	- Cal. [Wash.
32. infectus Fall 15–17	So. Cal.	41. flexiventris Fall 15–26	So. Cal.
33. longilobus Fall 15–18	Cal. Wash.	42. alticola Fall 15–27	Cal.
34. serratus Fall 15–19	Cal.	43. canaliculatus (Lec.) 66–14	3 Ohio, Ind.
35. monticola (Horn) 74-41	Cal. Nev.	44. elegans (Hentz) 30–257	Mich. Dak.
36. arizonensis Fall 15–21	Ariz. [Mont.		Ind.
37. bardi (Horn) 74–42 .	So. Cal.	45. terminalis (Say) 27–247	M.St.O.Mich.
a. distinguendus (Horn) 74–42	2 So. Cal.	guttulus (Newn.) 38–375	[Ind.

¹ It is doubtful whether this genus belongs in Pyrochroidæ, but there is no authority for placing it elsewhere.

Pedilus Fisch.		Pedilus Fisch.	
8246. lewisi (Horn) 71–281	Colo.	inornatus (Rand.) 38–23	
a. variabilis (Horn) 83–308	Colo. Mont.	nigricans (Ziegl.) 44–46	
	N. Mex.	8252. collaris (Say) 27-246	M. St. Ind. Ct.
47. fulvipes (Newn.) 38–375	N.Y. O. Mich.	infumatus (Lec.) 50–83	
*	Can. Ind.	marginicollis (Ziegl.) 44-47	
48. newmani (Lec.) 55–274	Me.N.Y. Can.	rufithorax (Newn.) 38-375	
lugubris (Newn.) 38–375		53. brunneus (Blatch.) 10-1331	Ind.
49. cyanipennis (Bland) 64–26	4 N.H. Va.	54. inconspicuus (Horn) 74–42	
50. labiatus (Say) 27–247	M.St. O. Dak.	a. flavidus Fall 15–28	Cal. [Cal.
infumatus (Hentz) 30–257	[Ind.	55. picipennis Fall 15–29	Cal.
a pulcher (Lec.) 48–84	OMont. Ind.	56. vittatus (Horn) 71–279	Cal.
51. lugubris (Say) 27–246	M.St. O. Can.	57lineatus Fall 15–31	So. Cal.
imus (Newn.) 38–375	[Ind.	— impressus (Say) 27–248	N. Am.
1mus (110mi.) 80 818	[IIII.	impressus (bay) 21 210	14. 22141.
	Euryg	ENIINI	
Description I of 40 1			
Eurygenius Laf. 48-1		Stereopalpus Laf.	N- C-1
(Retocomus Csy. 95–628)	77 T	8268. variipes Csy. 95–633	No. Cal.
8258. wildi Lec. 55–270	Ky. Ind.	69. indutus Csy. 95–633	No. Cal.
59. murinus Hald. 43–304	Atl. St.	70. nimius Csy. 95–634	So. Cal.
60. constrictus Lec. 51–151	So. Cal.	71. rufipes Csy. 95–634	Ind.
61. gratus Csy. 95–629	Cal.	72. guttatus Lec. 55–271	Wy. Or.
62. decorellus Csy. 95–629	Cal.	73. impressicollis Csy. 95–635	No. Cal.
(<i>Pergetus</i> Csy. 95–636)		74. subalbicans Csy. 95–636	Cal.
63. campanulatus Lec. 74–69	Vanc.		
— wilat Lacord. 59–578	N. Am.	Leptoremus Csy. 04–314	
William Dateora. 05 070	11. 21111		Cal.
Stereopalpus Laf. 48-4		•	
8264. mellyi Laf. 48–5	Atl. St. Ind.	Mastoremus Csy. 95–630	
65. vestitus (Say) 23–273	Atl. St. Ind.	8276. longicornis Csy. 95–631	Ariz.
badiipennis Lec. 55–271	Mich.	02.00 1011810011112 02J v 00 001	
66. pruinosus Lec. 74–69	So. Cal.	Bactrocerus Lec. 66–143	
67. incanus Csy. 95–632	So. Cal.	8277. concolor Lec. 66–143	L. Cal.
or. meanus Csy. 99 092	50. Cai.	3211. Concolor Lec. 00-145	L. Cai.
	Macra	TRIINI	
Magnetrie Novem 20 277			
Macratria Newn. 38–377	To al. Como	Macratria Newn.	NT X7
8278. confusa Lec. 55–272	Ind. Conn.	8280. ovicollis Csy. 95–638	N. Y.
79. murina (Fab.) 01–91	Ind.	81. brunnea Csy. 95–638	Tex.
linearis Newn. 38–377	Ohio		

INCERTÆ SEDIS

(Nematoplini Csy. 95–626) Nematoplus Lec. 55–270 8282. collaris Lcc. 55–275 Mich.

ANTHICIDÆ

Laferté 48; Lcconte 52; Horn 84; Casey 95; Pic 11

Notoxus Geoffr. 62–356		Notoxus Gcoffr.	
(Ceratoderus Blanch. 46–40)	8291. brevicornis Fall 16–34	Ariz.
(Monocerus Fald. 37–106)		92. montanus Csy. 95–760	Colo. N. Mex.
(Nothoxus Redt. 58–636)		•	Ariz.
(Notoxys Seidl. 90–546)		93. similis Fall 16–37	· Colo. N. Mex.
8283. bicolor Say 24–10	Atl. St. Ind.	94. microcerus Csy. 95–760	Ariz.
murinipennis Lec. 51–170		95. spatulifer Csy. 95–761	So. Cal.
84. schwarzi Horn 92–47	Utah.	96. denudatus Horn 84–167	Cal. So. Cal.
85. talpa Laf. 48–50	MontTex.Ill.	97. debilitans Csy. 95–762	So. Cal.
?elegantulus Laf. 48-52	[Colo. Ind.	98. conformis Lec. 51–152	So. Cal. Ariz.
subtilis Lec. 52–93		sparsus Lec. 59–284	So. Cal.
86. nuperus Horn 84–168	Kan. N. Mex.	99. lustrellus Csy. 95–763	Cal.
87. nuperoides Fall 16-33	N.Mex. [Ariz.	8300. breviusculus Fall 16–35	Cal.
88. caudatus Fall 02–257	N. Mex.	01. nevadensis Csy. 95–763	Nev.
89. bifasciatus Lec. 52–89	CanAriz.Ind.	02. anchora Hentz 27–375	AtlColo. Ind.
90. balteatus Csy. 95–759	Ariz.	03. humboldti Csy. 95–764	No. Cal.

Anthicidæ 163

Notoxus Geoffr.		Anthicus Payk.	
8304. monodon Fab. 01–289	Fla. AtlL.	(Liobaulius Csy. 04–316)	TD.
testaceus Laf. 48–302 a. decoloratus Laf. 48–302	[Cal. Ind. Ct.	8344. subtropicus Csy. 04–317 45. lulingensis Csy. 04–317	Tex.
b. pilatei Laf. 48–297	Tex. Fla.	46. spectans Csy. 04–317	Tex.
05. austinianus Csy. 95–765	Tex.	(Malporus Csy. 95-651)	
06. filicornis Csy. 95–766 07. dinocerus Csy. 95–766	Fla. Tex.	47. formicarius Laf. 48–185	R. IIa. (So.
08. desertus Csy. 95–767	Ariz.	48. cinctus Say 23–278	Cal.) Ill. Ia. Ind.
09. constrictus Csy. 95–768	Cal. So. Cal.	49. properus Csy. 95–653	Ia. Ind.
10. robustus Csy. 95–768 11. scrratus Lec. 52–90	Cal. So. Cal. KanOr. Ariz.	50. blandus Csy. 95–654	L. I.
digitalis Lec. 76–518		(Nathicus Csy. 95–655)	7.7
12. alamedæ Csy. 95–769	Cal. So. Cal. Wash.	51. virginiæ Csy. 95–655	Va.
13. pictus Csy. 95–770 14. apicalis Lec. 52–93	MichKan.	(<i>Lappus</i> Csy. 95–656) 52. pinalicus Csy. 95–658	Ariz. So. Cal.
monodon‡ Lec. 52–90	[Tex. Cal.	53. obscurus Laf. 48–116	Pa. N. C. Ind.
a. marginatus Lec. 52–93 15. cavicornis Lec. 51–152	So. Cal. Nev.	54. vigilans Csy. 95–659	Cal.
16. pallidus Fall 16–35	Ariz.	55. cursor Csy. 95–660 56. alacer Csy. 95–660	Tex. Ariz. S. W. Utah.
17. intermedius Fall 16–38	So. Cal.	57. nubilatus Csy. 95-661	Ariz.
18. calcaratus Horn 84–167	Tex.Ariz.Nev. L.Cal. So.Cal.	58. lividus Csy. 95–662	Tex.
19. delicatus Csy. 84–189	N. J.	59. sturmi Laf. 48–304 elegans Laf. 48–117	N. C. Ind. Ct.
20. arizonensis Fall 16–36	Ariz.	60. nitidulus Lec. 51–153	Cal.
21. planicornis Laf. 48–89	Fla.	61. asperulus Csy. 95–664	Or.
Mecynotarsus Laf. 48-57		62. canonicus Csy. 95–664 63. ornatellus Csy. 95–665	So. Cal. Ariz.
8322. candidus Lec. 75–175	Fla. Va. S. C. N. J. [Ut. Ind.	64. vividus Csy. 95–666	Ariz.
23. flavicans Csy. 95–772 24. delicatulus Horn 68–137	So. Cal. Ariz.	65. bipartitus Csy. 95–666	So. Cal. Ariz.
25. elegans Lec. 75–175	Fla.	66. turgidicollis Csy. 95–667 67. subtilissimus Pic 96–31	So. Cal. N. Mex.
Formicilla Lec. 51–152	,	subtilis Csy. 95–667	
(Formicus Lec. 61–266)		68. animatus Csy. 95–668	Ariz. Ariz.
(?Formicomus Laf. 48–70) 8326. scitula (Lec.) 52–94	S. C. Fla.	69. solivagans Csy. 95–668 70. gibbithorax Pic 94–21	Tex.
27. munda Lec. 51–152	So. Cal.	~	66-104)
28. cvanescens Csy. 95–646	Tex.	(Thicanus Csy. 95–670)	, I
29. gilensis Csy. 95–647 30. punctata Pic 04–491	Ariz.	8371. texanus Laf. 48–301 72. rejectus Lec. 52–97	Tcx. N. J. Del. Ct.
	•	73. mimus Csy. 95–672	Wy. N. Mex.
Dilandius Csy. 95-642 8331. myrmecops Csy. 95-643	So. Ill. Ind.	74. californicus Laf. 48–128	Cal. So. Cal.
32. unicus Csy. 95–643	Fla.	annectens Lec. 52–97 75. franciscanus Csy. 95–673	[Ariz. Cal.
Tomoderus Laf. 48–94		(Vacusus Csy. 95–674)	Cui.
8333. interruptus Laf. 48–97	Ind.Ky.Ia.	76. vicinus Laf. 48–157	So. St. Fla.
abbreviatus Csy. 95–648	[Fla.	fulvomicans Qued. 86–122	
a. bilobus Laf. 48–98 34. constrictus (Say) 27–244	N.Y.R.I.Ind.	lætus Laf. 48–157 77. supplex Csy. 95–676	Ariz.
91. constrictus (Say) 2. 211	Mich. Fla.	78. monitor Csy. 95–677	La. Tex.
35. impressulus Csy. 95–649	N. C.	79. confinis Lec. 51–153	TexSo. Cal.
Amblyderus Laf. 48–62		80. nigritulus Lec. 51–154 81. arcanus Csy. 95–679	Cal. [Ariz. Wash.
8336. obesus Csy. 95–743	So. Cal.	82. desertorum Csy. 95–680	Ariz.
37. albicans Csy. 95–744 38. parviceps Csy. 95–744	So. Cal. So. Cal.	83. prominens Csy. 95–680 84. formicctorum Wasm. 94–22	Ariz.
39. gracilentus Csy. 95–745	Cal.	34. formicetorum wasm. 94-22	Colo.
40. granularis (Lec.) 50–231	L. Sup.	85. suspectus Csy. 95–682	Colo.?
41. punctiger Csy. 95–747 42. pallens (Lec.) 50–231	L. Sup. Fla.L.Sup.Ind.	(Euracusus Csy. 04–318)	0.1
a. arenarius Csy. 95–748	R. I. [Wis.	86. coloradanus Csy. 04–319	Colo.
Anthicus Payk. 98-2531		(Omonadus Muls. & Rey 6 (Hemantus Csy. 95–682)	0-104)
(Baulius Csy. 95–650)		87. floralis (L.) 58-420	Cosmop. Ind.
8343. tenuis Lec. 51–153	W. TexSo.	hagillaria Sayz 24 - 270 -	Ariz. Fla. Ct.
	Cal. Ariz.	basillaris Say 24–279	Ind.

¹ Following Pic, in the absence of later authority, the subdivisions of *Anthicus* are treated as subgenera; but Casey has maintained their validity as genera, in which he is supported by Champion, who even suggests that more may be required, after correcting possible errors in the reversal of sexual characters.

	icus Payk.		Anthicus Payk.	
	enodis Csy. 95–684	Cal.	8438. inscitus Csy. 95–721	Cal. Nev.
	scenicus Csy. 95–685	R. I. TexN. Mex.	39. amœnus Csy. 95–722	Cal.
90.	rixator Csy. 95–686	1exIN. Mex.	40. obscurellus Lcc. 51–155	Cal. Or. Cal. So. Cal.
0.1	(Acanthinus Laf. 48–136)	T) 'I m	41. militaris Csy. 95–724 42. bellulus Lec. 51–156	So. CalTex.
	spinicollis Laf. 48–138	Brazil. Tex.	43. helvinus Csy. 95–725	Cal. [Ariz.
92.	trifasciatus Fabr. 01–291	S. Thomas. Fla.	44. lutulentus Čsy. 95–725	Tex.
	(Anthicus s. str.)	rıa.	45. agilis Csy. 95–726	Wy.
93.	horridus Lec. 51–154	ArizMex.	46. herifuga Csy. 95–726	Cal. So. Cal.
	rufulus Lec. 51–155	So. Cal.	47. mundus Csy. 95–727	Wy.
	cribratus Lec. 52–98	Cal. So. Cal.	48. melancholicus Laf. 48–174	Mass.N.C.Ind.
	hecate Csy. 95–693	Cal. So. Cal.	facilis Csy. 85–190 spretus Lec. 52–101	Pa. [L. Sup.
97.	ephippium Laf. 48–163	AtlColo.Ind.	latebrans Lec. 52–101	Fla.
	difficilis Lec. 50–230	Fla. [Ariz.	49. ictericus Laf. 48–149	Fla.
90	confusus Lec. 52–99 simiolus Csy. 95–694	Vanc.	50. convexulus Csy. 95–729	S. C.
	luteolus Lec. 51–154	So. Cal. Ariz.	51. maritimus Lec. 51–156	So. Cal.
	pinguescens Csy. 95–696	Cal. So. Cal.		Mex. Fla. Tex.
	flavicans Lec. 52–99	Ia. Wy. Mont.	floridanus Csy. 04–320	Fla.
02.	scabriceps Lec. 50–230	L. Sup. Ind.	53. plectrinus Csy. 04–320	Colo.
03.	compositus Csy. 95–698	L.I. [Nfld.	— lecontei Champ. 90–246 — lugubris Laf. 48–217	Guat. Ariz.? Mex. U.S.?
	nigritus Mann. 53–269	Alas.	- squamosus Laf. 48-216	Mex. U.S.?
	ovicollis Csy. 95–699	So. Cal.		Tex.
06.	biguttulus Lec. 51–155	Cal.So.Cal. Ariz.	— exilis Laf. 48–121	U.S.
07	hastatus Csy. 95-701	Wy. Nev.	— pallidus Say 27–245	U.S.
	protectus Csy. 95–702	Cal.	— politus Say 27–246	U. S.
	solidus Csy. 95–703	Ariz.		not U.S.
	subcalvus Csy. 95–703	S.W. Utah.	troglodytes Boh. 58–105	not U.S.
	coracinus Lec. 52–103	L. Sup.	— amplicollis Boh. 58–106	not U.S.
	monticola Csy. 95–705	Wy.	nitidus Boh. 58-105 atomarius Boh. 58-106	not U.S.
	cephalotes Csy. 95–705	Vanc.	(0)	not U.S.
	punctulatus Lec. 51–155	Cal. So. Cal.	(Sapintus Csy. 95–732)	DINVI
	decrepitus Csy. 95–707	Or.	54. pubescens Laf. 48–177 55. rusticus Csy. 95–734	R. I. N. Y. Ia. Ia. [Ind.
	mercurialis Csy. 95–707 cervinus Laf. 48–181	Cal. N.Y.Id.Tex.	56. fulvipes Laf. 48–177	Fla. Tex. La.
11.	bifasciatus Say 27-245	[Ind. Conn.	57. colonus Csy. 95–736	Del. [Ind.
	bizonatus Laf. 48–274	[Ind. Conz.	58. hispidulus Csy. 95–736	Tex.
	terminalis Lec. 50-230		59. pusillus Laf. 48–178	Fla. La.
18.	gilensis Csy. 95–709	Ariz.	60. corticalis Lec. 51–154	So. Cal.
	præceps Csy. 95–709	Cal.	61. festinans Csy. 95–739	Colo. Ia.
	seminotatus Csy. 95–710	So. Cal.	62. binominatus Pic 96–31	Mich.
21.	caseyi Pic 96–31	N. Mex.	mollis Csy. 95–740	Fla.
20	parallelus Csy. 95–710	Nev.	63. timidus Csy. 95–741 — quadrilunulatus Laf. 48–201	
	ancilla Csy. 95–711 thomasi Pic 96–31	Ind.		U. S.?
20.	sodalis Csy. 95–712	ind.		N: Am.?
24.	heroicus Csy. 95–712	Ind.	— thoracicus Laf. 48–158	U.S. Fla.?
	haldemani Lec. 52–100	Pa. Ind.		
	4-guttatus Hald. 46–304		Tanarthrus Lec. 51–156	a a 1
	stellatus Csy. 95–714	Wy.	8464. salinus Lec. 51–156	So. Cal.
	auriger Csy. 95–714	Cal.	(Tanarthropsis Csy. 95-751)	
	saucius Csy. 95–715	la.	65. brevipennis Csy. 95–751	Ariz.
	vulneratus Csy. 95–715	So. Ariz. N. Mex. Ariz.	66. nubifer Csy. 95–752	Utah.
	junctus Csy. 95–716 decorellus Csy. 95–717	Tex.	tricolor Csy. 95–753 67. virginalis Wickh. 06–168	Utah. Utah.
	nanus Lec. 51–156	So. Cal. Ariz.	68. mormon Wickh. 06–169	Utah.
	vagans Csy. 95–718	Id. Mont. Wy.	69. inyo Wickh. 06–169	So. Cal.
	peninsularis Csy. 95–719	L. Cal.	70. salicola Lec. 75–174	Utah, Nev.
35.	nympha Csy. 95–719	Tex.	71. densus Csy. 95–754	Utah, Nev.
36.	obliquus Csy. 95–720	So. Cal.	72. infernalis Wickh. 06–171	So. Cal.
37.	innocens Csy. 95–721	Ariz.	73. alutaceus Lec. 51–155	So. Cal.

EUGLENIDÆ

(Hylophilida) (Xylophilida)

Leconte 78; Casey 95; Pic 10; Seidlitz 16

Elonus Csy. 95–774		Vanonus Csy.	
8474. princeps Csy. 95–775	Can.	8496. congener Csy. 05–163	Wis.
75. basalis (Lec.) 55–276	Va. Ill. Fla.	97. huronicus Csy. 95–796	Mich.
76. nebulosus (Lcc.) 75–175	Pa. Ind. Fla.	98. sagax Csy. 95–796	Fla.
E		floridanus Csy. 95–797	Fla.
Emelinus Csy. 95–177	m p. r.i	99. brunnescens (Fall) 01–258	So. Cal.
8477. melsheimeri (Lec.) 55–275	Ill. Pa. Ind.	8500. wickhami Csy. 95–797	Wis.
78. ashmcadi Csy. 95–178	Fla. [Fla.	Tanilotes Csy. 95-798	
Zonantes Csy. 95-179		8501. densus Csy. 85–187	Pa.
8479. nubifer (Lcc.) 78–425	Fla.	02. lacustris Csy. 95–799	Wis.
80. signatus (Hald.) 48–97	S.C. Fla.	02. Mcd3ti13 O3,7. 00 100	**15*
81. subfasciatus (Lec.) 75–176	R.I.D.C.N.C.	Scanylus Csy. 95–800	
82. hubbardi Csy. 95–782	D.C. [Ind.Fla.	8503. pruinosus Csy. 95–801	Ariz.
83. schwarzi Csy. 95–783	Fla.	caseyi Pic 96–52	
84. fasciatus (Melsh.) 46–55	Pa. Ind. Fla.	8504. luteolus Csy. 95–801	Fla.
85. tricuspis Csy. 95–784	Ia.		
86. ater (Lec.) 75–175	Tex. Fla.	Ganascus Csy. 95–803	
Phomolus Care 05 795		8505. ventricosus (Lec.) 75–176	N.C. (Fla.?)
Phomalus Csy. 95–785	D.C. Ind. So.	06. opimus Csy. 95–805	Tex.
8487. brunnipennis (Lec.) 75–176		07. palliatus Csy. 95–806	Fla.
88. saginatus Csy. 95–787	Cal. [Cal.	Sometime Court Of 1906	
Ariotus Csy. 95–788		Sandytes Csy. 95–806	Fla.
8489. quercicola (Sz.) 78–371	Fla.	8508. ptinoides (Sz.) 78–371	ria.
subtropicus Csy. 95–789	Fla.	Axylophilus Csy. 95-808	
		8509. yucce Csy. 95-809	Fla.
Pseudariotus Csy. 95-790	CI 74.	(?Xylophilus Curtis 30-299)
8490. notatus (Lcc.) 55–276	Ga. Mts.	(? Adetus Westw. 29–57)	,
a. amicus Csy. 95–791	Fla.	(?Euglenes Westw. 29–59)	
Vanonus Csy. 95–791		10. nucleus (Fall) 01–259	So. Cal.
8491. calvescens Csy. 95–793	Wis.	11. constrictus (Fall) 01–259	So. Cal.
92. piceus (Lec.) 55–276	Pa. N. Y. Wis.	22. 23.1.33.23.23. (2.1.3.)	
93. tuberculifer (Horn) 92–279	Ont. [(Fla.?)		
94. vigilans Csy. 95–795	N. Y.	Cnopus Champ. 93-460	
95. fusciceps Csy. 05–163	N. Y.	8512. impressus (Lec.) 75–175	Tex. Fla.

ELATEROIDEA

(Sternoxia)

CEROPHYTIDAE 1

Hyslop 17

Cerophytum Latr. 09-375 (Chorea Hald. 46-150) 8513. convexicolle Lec. 66-388 Cal. Cerophytum Latr. 8514. pulsator (Hald.) 46–150 Pa.

CEBRIONIDÆ

Leconte 53; Horn 81; Schenkling 11; Dalla Torre 12; Hyslop 17

Cebrio Oliv. 90-5		Cebrio Oliv.	
(Anachilus Lcc. 63-86)			N. Mex.
8515. mandibularis (Lee.) 63-86	Fla.	18. antennatus Schfr. 16–107	Ark.
16. bicolor Fab. 01–14	S. & W. St. Fla.	19. emarginatus Schfr. 16–108	N. Mex.
confusus Lec. 53-504	Ga.	20. estriatus Horn 81–83	Tex.
simplex Lec. 53-503	Ga.		

¹ The arrangement of this and succeeding families of Elateroidea (= Sternoxia) with the exception of the Rhipiceridæ follows the larval studies of Mr. Hyslop, who has read the mss.

Scaptolenus Lec. 53–504 8521. lecontei (Sallé) Chev. 74–510 Tex. femoralis‡ Lec. 53–504 22. estriatus Lec. 75–55

(Anamesus Lec. 66-73) 8532. angusticollis Horn 74-25

--- C--- 25 150

Scaptolenus Lcc.

8523. ocreatus Horn 81–85

So. Cal.

N. Mex.

— californicus Chev. 74–524 — gehini Chev. 74–523

8541. californicus Lec. 53-501

42. luteipennis Fall 07-232

Mex. Cal.? Mex. Tex.?

PLASTOCERIDÆ

Leconte 53; Horn 81; O. Schwarz 07; Fall 10

Euthysanius Lec. 53–502		Aplastus Lec.	
8524. lautus Lec. 53–503	So. Cal. Ariz.	8533. tenuiformis Horn 74–25	Cal.
25. pretiosus Lec. 66–86	So. Cal.	34. corymbitoides Horn 74–25	
Octinodes Cand. 63–487		35. speratus Lec. 59–73	Ariz. Cal. So. Cal.
(Plastocerus‡ auct. nec Sch	aum)	36. optatus Lec. 61–349	Cal.
8526. schaumi (Lec.) 53–502	So. Cal.		
27. frater (Lec.) 59–703		37. convexicollis (Lec.) ♀ 66–3	
macer (Horn) 81–79			Cal.
28. granti (Schfr.) 16–266	Tex.	38. molestus Horn 74–27	Cal. So. Cal.
29. megalops (Fall) 10–138	So. Cal.	Warnia ntiana O C l	
Eniconyx Horn 85-51		Euplastius O. Schwarz 03-60	A.1.
8530. gracilis Horn 85–51	N. Mex.	8539. athoiformis O. Schw. 03–61	
31. pullatus Horn 85–51	Ariz.	40. athoides O. Schw. 03–62	Cal.
Aplastus Lec. 59–73		Aphricus Lec. 53–501	

RHIPICERIDÆ

Cal. So. Cal.

Haldeman 53; Horn 81

TIGHTO	a Day ou IU2		ballualus ixilocii	
8543.	picea (Beauv.) 05–7	Fla.	8546. niger Knoch 01–140	M. StTex.
		Ind.	rufipennis Latr. 29–461	[Ind
	vulnerata Lec. 47–89		rubidus 9 Melsh. 44–220	
~ ,	1 T7 1 01 101		knochi Guér. 29-4	
	alus Knoch 01–131	w. w	scabricollis Q Hald. 53–363	
8544.	petrophya Knoch 01–131		47. californicus Lec. 61–349	Cal. Nev. So.
	fulvus 9 Cast. 34–236	[Fla.		Cal.
	proserpina Newn. 39–383			
	brevicollis 9 Melsh. 44–220	O	Vesperoctenus Bates 91–1591	
45.	porosus Lec. 68–52	Tex. N. Mex.	8548. flohri Bates 91-160	Mex. L. Cal.
		Fla.		

ELATERIDÆ

Leconte 1853; Candèze 1857-63; Otto Schwarz 1906-07

PYROPHORINÆ

Pyrophorini

Agrypnina		Adelocera Latr.	
Agrypnus Esch. 29–32		8556. pyrsolepis Lec. 66–389	N. Mex.
8549. sallei Lec. 53–491	La. Tex. Fla.	57. brevicornis Lec. 53-491	L. Sup. Nev.
50. schotti Lec. 53–491	Tex.		Wis.
51. arizonæ Cand. 96–5	Ariz.	58. obtecta (Say) 39–181	N.C. Me. Vt.
		59. profusa Cand. 57–54	Or. [Ind.
Adelocera Latr. 29–401		vetusta Walk.66–324	Vanc.
8552. sparsa Cand. 65–6	Cal. So. Cal.	· 60. marmorata (Fab.) 90–227	So.St.Ind.Fla.
53. aurorata (Say) 39–181	N. H.		Conn.
54. impressicollis (Say) 25–260	M.W.St. Ind.	61. discoidea (Web.) 01–77	M.&S.St.Ind.
lepturus (Say) 39–182		cruenta (Oliv.) 95–42	[Conn.
senilis Germ. 40–259		pennata (Fab.) 01–239	M. S. St.
55. rorulenta Lec. 59–283	Wash.	ornaticollis Cast. 37–248	N. Am.

¹ Vesperoclenus is placed in Lepturini by some authorities, but apparently without good reasons.

Adelegana Lutu		Oistus Cand. 57–338	
Adelocera Latr. 8562. avita (Say) 39-182	Wis. O. Ind. Fla.	8590. cdmonstoni Hyslop 18–127	Or.
63. modesta Boisd. 32–108 maculata Lec. 66–389	W. I. U. S. Pa. D. C.	Pyrophorina Hyslop 1918	
		Pyrophorus Ill. 09–141	
Lacon Cast. 36–11	NT T 1 TN-	8591. texanus Hyslop 18–9	Tex. Ariz.
8564. rectangularis (Say) 25–263 65. curtus (Lec.) 53–491	Mo. Ind. Fla. Ga. Fla.	92. arizonicus Hyslop 18–8 93. physoderus Germ. 42–36	Ariz. N. Mex. Ala. Fla.
mucoreus (Lec.) 53–491	Ga.	94. atlanticus Hyslop 18–8	Fla.
66. illimis Horn 94–366	Cal.		
36 animala and C 1 57 100		Monocrepidina	
Meristhus Cand. 57–162 8567. cristatus Horn 71–299	Tex. So. Cal.	Hyslop 1918 Monocrepidius Esch. 29–31	
68. scobinula Cand. 57–164	Tex. Mcx.	(Conoderus Esch. 29–31)	
texanus Horn 71–299		(Oophorus‡ Melsh. 44–214)	m
setarius Chev. 67–		8595. xysticus Cand. 59–225 96. lividus (DeG.) 74–162	Tex. Ind. W. I. So.
Haminhinina		castancus (Oliv.) 90–30	[St. Fla. Ariz.
Hemirhipina Hyslop 1918		castanipes‡ (Hbst.) 06–23	
Alaus Esch. 29–33		lobatus (Say) 23–175 97. aversus Lec. 53–482	Ga.
(Calais Cast. 36-9)		98. parallelus Cand. 59–246	Mex. Ariz.
8569. lusciosus Hope 32–363	Mex.	99. suturalis Lec. 53–482	Ala. Ind. Ga.
gorgops Lec. 58–35 70. zunianus Csy. 93–584	Kan. Tex. Ariz.	8600. lepidus Lec. 53–485 01. vespertinus (Fab.) 01–240	Ind. Mex. M.
71. oculatus (L.) 56–651	Ind. Atl. St	•	S. St. Ct. Ariz.
lugaus (Fab.) 75, 994	Tex. Fla.	finitimus (Say) 39–179	Fla. S. C.
luscus (Fab.) 75–284 72. myops (Fab.) 91–222	Tex. Ind. M. & So.	serotinus Germ. 39–227	5. 0.
	St. Fla.	a. ?texanus Cand. 59–262	Tex.
73. canadensis Cand. 89–11	Can. Vt. Cal. So. Cal.	peninsularis Cand. 89–26 02. scissus Schfr. 09–378	Fla. Ga.
74. melanops Lcc. 66–83 naja Cand. 68–18	Car. So. Car.	03. debilis (Lec.) 78–405	Fla.
75. patricius (Cand.) 57–242	Cuba, Fla.	04. athoides Lec. 66–84	Tex. Ariz. Ariz.
luscus‡ Oliv.		05. mutuus Horn 71–312 06. robustus Horn 71–311	Ariz.
Hemirhipus Latr. 29-402		07. auritus (Hbst.) 06–145	Ind. N. Y. Ga.
8576. fascicularis (Fab.) 87–171	MdFla. Mex.	crassicollis (Melsh.) 44–214 dilectus (Say) i. litt.	1 [L. Sup. Ct.
venosus Cast. 35–234	N. C. Tex.	08. caseyi Leng 18–206	
01-1-1-1		finitimus Csy. 84–170 09. bellus (Say) 25–168	N. J. Ind.M.&W.St.
Chalcolepidina Fall 1898; Casey 1907; Hy	relep 1019	variegatus Steinh. 75–123	[Conn.
	7510p 1516	10. similis Schffr. 09–436	The state of the s
Chalcolepidius Esch. 29–33 8577. webbi Lec. 54–223	Ariz. So. Cal.	texanus Schffr. 09–379 11. blandulus Lec. 53–483	Tex. Ga.
substriatus O. Schw. 06–97	Ariz.	puberulus Mann. 43–240	Cal.
a. snowi Csy. 07–31 idoneus Csy. 07–31	Ariz. Ariz.	varians Steinh. 75–121	Ala.
arizonicus Csy. 07–31	Ariz.	Heteroderes Latr. 34-155	
abdominalis Čsy. 07–32	Ariz.	8612. sordidus (Lec.) 53–482	N. Mex. Ariz.
78. simulans Csy. 07–32 79. acuminatus Csy. 07–32	Ariz. Ariz.	lantus Cand. 89–31	
80. apacheanus Csy. 91–16	Ariz.	Aeolus Esch. 29–33	7.5.1 O FD
81. nobilis Csy. 07–32 82. tartarus Fall 98–238	Ariz. Ariz. So. Cal.	8613. amabilis (Lec.) 53–485	Md. O. Tex. Ind. Ariz. M.
parallelus O. Schw. 06–98	Ariz. So. Car.		& So. St.
83. rubripennis Lcc. 61–336	L. Cal.	— elegans (Fab.) 92–230	W.I. U.S.?
84. viridipilis (Say) 25–257	Pa. O. So. St. Tex.	— circumscriptus (Germ.) 24	-46 Mex. U.S.?
prasinus Er. 41–85		(Drasterius‡ auct. nec Esc	
85. debilis Csy. 07–34	N.C. D.C. Ariz.	14. dorsalis (Say) 23–167 elegans‡ auct. nec Fab.	Ind. Ariz.
86. rectus Csy. 07–34 87. smaragdinus Lec. 54–223	So. Cal. Ariz.	15. comis (Lcc.) 53–484	Cal.
88. ostentus Csy. 07–34	Ariz.	marginicollis (Horn) 71–30	
89. behrensi Cand. 86–70 aurulentus Cand. 74–163	Mex. Ariz. So. Cal.	varicgatus (Boh.) 58–69 16. livens (Lec.) 53–484	Ariz. So. Cal.
auraichtas Canu. 71 103	SO. Oal.	10. 11.015 (1200.) 00 101	Tilli Dor Oar.

Pityobius Lec. 53-428 8617. anguinus Lec. 53-428

PITYOBIINI

N.H. Can.

Pityobius Lec. billingsi Bland 64-69

Can.

	So. St. Fla.	8618. murrayi Lec. 61-347	Cal.		
Lepturoidini					
Athouina		Pheletes Kies.			
Limonius Esch. 29–33		8650. ectypus (Say) 39–167	Pa. Me.		
(Gambrinus Lec. 53–435) 8619. auripilis (Say) 23–172	Ind. Ark. Fla.	agonus (Say) 39–171	Pa.		
0010. autipins (Say) 20 112	S. & W. St.	51. pilosulus Cand. 91–149 — pilosus (Lec.) 53–432	So. Cal.		
pubicollis Lec. 53–429	Ga.	52. ornatipennis (Lec.) 66–84	Pa. Ind.		
âuricollis‡ O. Schw. 06		53. definitus (Zieg.) 44-268	S.C.M.&So.St.		
20. fulvipilis Cand. 60–383	Cal.	54. nimbatus (Say) 25–255	N.Y. Conn.		
21. mirus Lec. 53–429	So. Cal.	infernus (Lec.) 53–434	Pa. N. Y.		
ulkei Horn 71–314 22. crotchi Horn 72-148	Cal. Or. So. Cal.	55. hispidus (Lec.) 53–432	Cal.		
23. discoideus Lec. 61–348	Colo. Cal.	Leptoschema Horn 85-50			
24. aurifer Lec. 53–429	Vt. Ill. Ind.	(Elathous Reit. 90–247)			
25. propexus Cand. 60–386	La.	8656. protractum (Horn) 71-317	Cal.		
?griseus Beauv. 05-214	Conn. Ind.	57. bicolor (Lec.) 53–428	N.Y. Ind.		
?cylindriformis‡ (Say) 23–		58. discalceatum (Say) 39–169			
?hirticollis Melsh. 46-215	E. U. S.	59. oberndorferi O. Schw. 03–2	N.Y.		
26. interstitialis (Melsh.) 46–21	5 Pa. Ind.	Athous Esch. 29–33	14.1.		
27. confusus Lec. 53–430	L. Sup. N. Y.	(Pedetes Kby. 37–145)			
28. aenescens Lec. 53–431	N.J. [Ind.	(Crepidophorus Muls. 54–18	39)		
29. plebejus (Say) 25–263	M.&S.St.Ind.	8660. rufiventris Esch. 22-71	Álas.		
metallescens Melsh. 46–158 30. infuscatus Mots. 59–371	So. Cal.	*			
31. aeger Lec. 53–431	L. Sup.	61. trivittatus Melsh. 46–157	Pa.		
32. pectoralis Lec. 66–391	Cal.		M. & So.St.Ct.		
33. quercinus (Say) 25–262	U.S. Ind. Fla.	oblongicollis Melsh. 46–155 arcticollis Melsh. 46–156	[Ind.		
34. maculicollis Mots. 59–372	Cal.	63. acanthus (Say) 39–178	N.J. Ind. Ct.		
discicollis Cand. 65–49 35. basillaris (Say) 23–172	Mo. E. U.S.	a. flavangularis Horn 71-317	Vt.		
555 Submiting (Suff) 25 112	Ind. Fla.	b. maculicollis Lec. 66–85	Can.		
semiaeneus Lec. 53–432	Ga. Fla.	64. ferruginosus Esch. 29–33	Cal.		
36. nitidulus Horn 71–315	Or.	65. opilinus Cand. 60–435 66. excavatus Mots. 59–467	O. Alas. So. Cal.		
37. sinuifrons Fall 07–227 38. vernalis Fall 10–129	N. Mex. So. Cal.		Fla.		
?angulatus Mots. 59–370	Cal.	**			
?flavipes Fab. 01–234		67. cucullatus (Say) 25–164	Pa. Md. O. Ct.		
?subcostatus Mots. 59–370		hypoleucus Melsh. 46–155	Ind. Ariz.?		
?clypeatus Mots. 59–369	Nov. Helv.	procericollis Melsh. 46–156			
?mandibularis Mots. 59–37	Cal.	strigatus Melsh. 46–154 ♀	Md.		
37-41- 3- T 01 1771	Cui.	68. scapularis (Say) 39–178	N.H. Ind.		
Nothodes Lec. 61–171 8639. dubitans (Lec.) 53–433	N.Y Pa. Ind.	69. equestris (Lec.) 53–426	Ga.		
5009. dubitans (Lec.) 55–455	10.1 1 a. 111u.	70. posticus (Melsh.) 46–158 71. fossularis (Lec.) 53–426	Pa. N. J.		
Pheletes Kies. 58–328		* * *			
(Limonius pars auct.)		72. axillaris Horn 71-316	Cal.		
(Gambrinus pars Lec. 53–43		73. limbatus Lec. 68–391	Cal. So. Cal.		
8640. stigma (Hbst.) 06–86	Ct.	simplex Lec. 76–516	Colo.		
armus (Say) 39–171 41. venablesi Wickh. 13–27	Ga. B.C. Wash.	scissus Lec. 57–46 74. ingens Fall 10–131	Or. Ariz.		
42. quadrimaculatus (Horn) 71			N.M.		
	Or.	jejunus Fall 07–231	N. Mex.		
43. ornatulus (Lec.) 57–46	Cal. So. Cal.		Me. Nfld.		
a. humeralis (Cand.) 60–402 44. occidentalis (Cand.) 60–411	I Or So Cal		M. St.		
45. subauratus (Lec.) 53–432	Or. 50. Car.	77. vittiger Lec. 53–427 78. exclamationis O. Schw. 03–58	Or. RAla.		
46. consimilis (Walk.) 66–325	Vanc.		N. C. Ga.		
nitidicollis (Lec.) 69–378	Vanc.	<u> </u>			
47. californicus (Mann.) 43–23			Colo.		
48. canus (Lec.) 53-433	Cal. So. Cal. So. Cal.	81. rufotestaceus Fall 07–231 82. nigripilis Mots. 59–368	N. Mcx. Cal. Ariz.		
49. anceps (Lec.) 53–433	Pa.O.W.N.Y.		So. Cal.		

Athous Esch.	NI NI	Ludius Esch.	
8684. rectithorax Reitt. 08–36	N. Mex.	8710. fusculus (Lec.) 63–48 angustulus Mots. 53–375	Nov. Holy
recticollis Fall 07–228 85. speculifer Fall 07–229	Wash.	11. jaculus (Lec.) 53–447	So. Cal.
86. orophilus Har. 69–1567	11 COII.	12. cribrosus (Lec.) 53–443	Cal.
montanus Lec. 66–405	Mont.	subcanaliculatus (Mots.) 5	
87. triundulatus Mann. 53-222		13. obscurus (Lec.) 53-442	Cal.
88. affinis Couper 65–61	Que.	14. protractus (Lec.) 59–85	Or.
89. falli Reitt. 08–35	N. Mex.	15. pyrrhos (Hbst.) 06–30	M.S. & W. St.
quadricollis Fall 07–229	Cal.	/MC 1 1 \ AO 159	Ind. Conn.
90. palpalis Fall 07–229 91. discrepans Reitt. 08–36	Or. Cal. N. Mex.	vagans (Melsh.) 46–153	Ala.
discors Fall 07–230	So. Cal.	æqualis (Melsh.) 46–153 ♀ pyrrhicus (Hald.) 43–313 ♀	Ala
92. agriotoides Fall 07–230	So. Cal.	16. jouteli (Dow.) 13–77	No. Cal.
93. imitans Fall 10-131	Cal.	17. bivittatus (Melsh.) 46–219	
94. aterrimus Fall 10–130	No. Cal.	, i	Ind.
95. undulatus DeG. 74–155	H.B.T.? Eur.	18. horni O. Schw. 07–316	7. G
96. pallidipennis Mann. 43–244		longicornis (Horn) 70–79	
97. quadrivittatus Walk. 66–32	Vanc.	19. linearis (Fall) 10–132 20. macer (Fall) 10–133	Cal.
undatus Gmel. ed. Lim		21. cylindriformis (Hbst.) 06–9	
	1.00 1010	21. Cymidinorinis (11bst.) 00 0	M.St. Ind. Ct.
Lepturoidina		appressifrons (Say) 25–267	
Lepturoides Herbst 84–103		brevieornis (Say) 25–265 ♀	
(Campylus Fisch. 23–453)	Ma I Sun	parallelipipedus (Germ.) 43	
8698. productus (Rand.) 38–8 99. denticornis (Kby.) 37–145	Me. L. Sup. Man. L. Sup.	submetallicus (Germ.) 43–7	
flavinasus (Melsh.) 46–219	Man. D. Sup.	22. copei (Horn) 71–319	Va. O.
navinasus (meisir.) 10 210	Me. Pa. Nfld.	23. teres (Lec.) 66–392 24. furtivus (Lec.) 53–442	Cal. Or.
8700. fulvus Mots. 59–386	Cal.? Alas. H.	25. limoniiformis (Horn) 71–32	
?variabilis Esch. 29–33	Sib. [B. T.	201 111101111101111110 (210111) 12 02	Dak.
		26. floridanus (Cand.) 89–51	Fla.
Diadochus Buysson 95–406	73 . 1	27. fulvipes (Bland) 64–354	Va.
— antigai Buys. 95–407	Eur. 1	28. signaticollis (Melsh.) 46–21	6
Bladus Lec. 61–161		00 (D I) 20 11	M.&So.St.Ind.
8702. quadricollis (Say) 39–186	Ind. O.	29. appressus (Rand.) 38–11	Me. L. Sup.
		mirificus (Lec.) 50–228 30. volitans (Esch.) 29–34	N. Am.
Ludiina		31. vulneratus (Lec.) 66–86	Can.
Perissarthron Hyslop 18–1	Tex.	32. umbricola (Esch.) 29–34	Alas. Vanc.
8703. trapezium (Lec.) 66–392 trapezicollis (O. Schw.) 03–		33. caricinus (Germ.) 43–63	Cal.
trapeziconis (O. Benw.) ob	00	lobatus (Mann.) 43–243	
Ludius Esch. 29–34		telum (Lec.) 53–445	Or.
(Corymbites Latr. 34–150)		rudis (Mots.) 59–377	Alas.
(Ctenicera Latr. 29-403)		34. elongaticollis (Ham.) 93–30	Can. Pa.
8704. kendalli (Kby.) 37–143	L. Sup. H.B.T.	35. truculentus (Cand.) 89–50	
ancharage (Pand) 28 5	Man. Me.N.H.Mich.		Cal.
anchorago (Rand.) 38–5 05. virens (Schrank) 81–317	Eur. & N. Am.	36. xanthomus (Horn) 71–319	Cal.
aeneicollis Oliv. 92–264	[Nfld.	37. moerens (Lec.) 66–392	Or.
virescens (L.) ed. Gmel. 88		38. tarsalis (Melsh.) 46–157	Nfld.Md.Mass.
06. vernalis (Hentz) 27–374	Ind.Can.M.S.	39. spinosus (Lec.) 53–447	Ind. L. Sup. Can.
	W. St.	33. spinosus (Lec.) 33–441	Lab. Nfld.
** *	C Na i	40. rufipennis (Fall) 10–134	Cal.
07. resplendens (Esch.) 29–34	Can. Nfld.	41. insidiosus (Lec.) (53–)447	L. Sup. Can.
aerarius (Rand.) 38–7 racinei (Chev.) 52–578	L.Sup. Me.	42. lutescens (Fall) 10134	Alb. B. C.
a. viridis (Say) 25–255	TVIIQ.	43. angularis (Lcc.) 53–449	Or. B. C.
08. sjaelandicus (Müller) 64-21		44. mendax (Lec.) 53–448	L. Sup. Can.
•	Eur. & Sib.		9
	N.Am.	45. falsificus (Lec.) 53–448	? Or.
nubilus (Schrank) 86–46	N.Am. N. Eng. N. Y.	45. falsificus (Lec.) 53–448 46. umbripennis (Lec.) 57–46	? Or.
	N.Am. N. Eng. N. Y. Can.	45. falsificus (Lec.) 53–448 46. umbripennis (Lec.) 57–46 a. gracilior (Lec.) 63–49	_
tesselatus (Fab.) 92–211	N.Am. N. Eng. N. Y. Can. Mich. N. J.	45. falsificus (Lec.) 53–448 46. umbripennis (Lec.) 57–46	Or.
tesselatus (Fab.) 92–211 micans (Germ.) 43–62	N.Am. N. Eng. N. Y. Can. Mich. N. J. N.Y.& N.Eng.	45. falsificus (Lec.) 53–448 46. umbripennis (Lec.) 57–46 a. gracilior (Lec.) 63–49 nubilipennis (Lec.) 53–441	Or.
tesselatus (Fab.) 92–211 micans (Germ.) 43–62 cuprascens (Lec.) 53–44	N.Am. N. Eng. N. Y. Can. Mich. N. J.	45. falsificus (Lec.) 53-448 46. umbripennis (Lec.) 57-46 a. gracilior (Lec.) 63-49 nubilipennis (Lec.) 53-441 47. opaculus (Lec.) 66-392 ***	Or. Or. Or.
tesselatus (Fab.) 92–211 micans (Germ.) 43–62 cuprascens (Lec.) 53–44 a. assimilis (Gyll.) 08–394	N.Am. N. Eng. N. Y. Can. Mich. N. J. N.Y.& N.Eng. N. Y.	45. falsificus (Lec.) 53-448 46. umbripennis (Lec.) 57-46 a. gracilior (Lec.) 63-49 nubilipennis (Lec.) 53-441 47. opaculus (Lec.) 66-392 *** 48. sulcicollis (Say) 39-168	Or.
tesselatus (Fab.) 92–211 micans (Germ.) 43–62 cuprascens (Lec.) 53–44	N.Am. N. Eng. N. Y. Can. Mich. N. J. N.Y.& N.Eng. N. Y.	45. falsificus (Lec.) 53-448 46. umbripennis (Lec.) 57-46 a. gracilior (Lec.) 63-49 nubilipennis (Lec.) 53-441 47. opaculus (Lec.) 66-392 ***	Or. Or. Or. M. So. St. Ind.

¹ The number 8701 is omitted because the species to which it was assigned does not occur in U.S.

170 Elateridæ

Ludius Esch.		Indian Euch	
8750. rupestris (Gcrm.) 43-66 Or	r	Ludius Esch. 8791. rotundicollis (Say) 25–259	Vt. Pa. Ind.
	an.	diversicolor (Esch.) 29–34	Cal.
brunnipes (Bland) 64–67	(t11·	russicollis (Germ.) 43–74	Cai.
52. monticola (Horn) 71–319 Ca	al.	a. sticticus (Germ.) 43–74	
gracilis (Cand.) 89–51		92. urostigma (Cand.) 89–50	Cal.
	las.	93. cruciatus (L.) 58–404	Eur. & N. Am.
54. angusticollis (Mann.) 43–271		pulcher (Lec.) 53–440	N. H. Vt. Can.
	las.	a. festivus (Lec.) 57–16	Or. Wash.
	anc.	b. edwardsi (Horn) 71–324	? [Vanc.
56. ochreipennis (Lec.) 66–85 Ca		94. suckleyi (Lec.) 57–46	Or.
	o. St.	95. semivittatus (Say) 23–174	Or. Vanc.
58. colossus (Lec.) 61–348 Ca		tristis (Cand.) 63–172	Japan.
	r. So. Cal.	96. hieroglyphicus(Say) 39–172	
60. anthrax (Lec.) 61–343 Ca			Ind.
	[.St. Ind. Ct.	? 07 diit (I) 52 446	Co N C T-1
nigrans (Cast.) 35–241		97. divaricatus (Lec.) 53–446	Ga. N. C. Ind.
laevigatus (Hbst.) 06–45		98. polygenus (Fall) 10–136	Cal. B. C.
62. hamatus (Say) 39-170 N.	J. Ind.	99. weidti Angell 92–84 8800. sericeus Gebl. 30–83	Alas.? Sib.
63. propola (Lec.) 53–437 L.	. Sup. N. Y.	01. confluens Gebl. 30–3	Alas.? Eur.Sib.
	. Sup.		Alps.
nubilus (Lec.) 53–438	al.	— spectabilis Mann. 52–328	Alas.
	olo.	- serricornis Mann. 43–241	
65. exclamationis (Fall) 10–135 Ca	al	- oblongoguttatus Mots. 59-3	
66. triundulatus (Rand.) 38-12 Me	le. L. Sup.	obiongoguttatus mots. 05 (Cal.
nebraskensis (Bland) 64–355		— rufipes Mots. 59–377	Alas.
undulatus‡ auct.	,	- semimetallicus (Walk.) 66-	
67. tigrinus (Fall) 01–306 Ca		bomme amous (1, am)	Vanc.
	olo. N. Mex.	****	,
	lan.	(Paranomus Kies. 63–303)	
rubidipennis (Lec.) 53–437 L.		(Eanus Lec. 62–171)	
70. acutipennis (Germ.) 43–70 Mi		8802. costalis (Payk.) 00–37	Eur. & Sib. N.
	Sup. Can.	, ,	Am. Lab.
bombycinus (Germ.) 70–43 [N		parvicollis (Mann.) 53–229	Lapland.
semiluteus (Lec.) 53–445 Ca		vagus (Lec.) 53–434	Can. L. Sup.
72. mirabilis (Fall) 01–306 Ca	£11.	, ,	N. H.
73. candezei Leng 18–205 elegans (Cand.) 82–97	.1	pictus (Cand.) 63–177	Can. Lab.
elegans (Cand.) 62-91 Ca	d1.	maculipennis (Lec.) 66-85	Lab.

ጥጥጥ		03. estriatus (Lec.) 53–434	Can. L. Sup.
74. leucaspis (Germ.) 43–73 Or	r. So. Cal.	03. estriatus (Lec.) 53–434 04. decoratus (Mann.) 53–434	
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150	r. So. Cal.	04. decoratus (Mann.) 53–434	Can. L. Sup.
	r. So. Cal.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Me		04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212 (Asaphes Kby. 37-146)	Can. L. Sup. Can. [Lab.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Me tinctus (Lec.) 59–85 Or	e. r.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Me tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa	ce. r. a. L. Sup.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Me tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L.	ce. r. a. L. Sup. . Sup. [Man.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Me tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu	le. r. a. L. Sup. . Sup. [Man. ur. Sib.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Me tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N.	.e. r. a. L. Sup. . Sup. [Man. ur. Sib. . Am.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H.	ie. r. a. L. Sup. . Sup. [Man. ur. Sib. . Am. . B. T. Colo.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Me tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H.	ie. r. a. L. Sup. . Sup. [Man. ur. Sib. . Am. . B. T. Colo. Iass.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L.	ie. r. a. L. Sup. . Sup. [Man. ur. Sib. . Am. . B. T. Colo. Iass. . Sup.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L.	i.e. r. a. L. Sup Sup. [Man. ur. Sib Am B. T. Colo. Iass Sup Sup.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Mo tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 7 S.	i.e. r. a. L. Sup. Sup. [Man. ur. Sib. Am. B. T. Colo. Iass. Sup. Sup. Nfld. W. St. Pa.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Mo tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 S. Inc.	i.e. r. a. L. Sup Sup. [Man. ur. Sib Am B. T. Colo. Iass Sup Sup.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. N. Mex. Ga. O. E. St. M. & W.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 tinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 7 S. Insimillimus (Mots.) 59–374	i.e. r. a. L. Sup. Sup. [Man. ur. Sib. Am. B. T. Colo. Iass. Sup. Sup. Nfld. & W. St. Pa. ad. Ct.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Motinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–438 L. 80. inflatus (Say) 25–258 ♂ S. Insimillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky	i.e. r. a. L. Sup. a. L. Sup. [Man. ur. Sib. a. Am. b. T. Colo. Iass. Sup. Sup. Nfld. & W. St. Pa. ad. Ct.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–438 L. 80. inflatus (Say) 25–258 ♂ S. simillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or	i.e. r. a. L. Sup. a. L. Sup. I. Sup. [Man. ur. Sib. a. Am. b. T. Colo. Iass. Sup. Sup. Sup. Nfld. & W. St. Pa. ad. Ct. y. Pa. r. Cal.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Motinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. Inc. simillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or	Te. r. a. L. Sup. a. L. Sup. Isup. [Man. ur. Sib. Am. B. T. Colo. Iass. Sup. Sup. VI. Sup. VI. Sup. VI. St. Pa. ad. Ct. y. Pa. r. Cal.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. Insimillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or	i.e. r. a. L. Sup. a. L. Sup. Sup. [Man. ur. Sib. Am. B. T. Colo. Iass. Sup. Sup. Nfld. & W. St. Pa. ad. Ct. y. Pa. r. Cal. r.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. Insimillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or 84. breweri (Horn) 71–321 Ca	Te. r. a. L. Sup. a. L. Sup. Isup. [Man. ur. Sib. Am. B. T. Colo. Iass. Sup. Sup. Nfld. W. St. Pa. ad. Ct. y. Pa. r. Cal. r. al.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St. Ind. E. St. Mc.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. Insimillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or 84. breweri (Horn) 71–321 Ca 85. pruininus (Horn) 71–320 Ne	Te. Tr. Te. Te. Te. Te. Te. Te.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St. Ind. E. St. Mc. [O. Pa. Fla.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. Insimillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or 84. breweri (Horn) 71–321 Ca 85. pruininus (Horn) 71–320 Ne pruinosulus O. Schw. 07–316	i.e. r. a. L. Sup. a. L. Sup. Sup. [Man. ur. Sib Am B. T. Colo. Iass Sup Sup Sup. Nfld & W. St. Pa. ad. Ct. y. Pa. r. Cal. r. r. al. eb. Cal. So [Cal.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St. Ind. E. St. Mc. [O. Pa. Fla. MeGa. [Ala.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. Insimillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or 84. breweri (Horn) 71–321 Ca 85. pruininus (Horn) 71–320 Ne pruinosulus O. Schw. 07–316 86. obversus (Horn) 71–322 Ca	Te. Tr. Tr. Tr. Tr. Tr. Tr. Tr.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St. Ind. E. St. Mc. [O. Pa. Fla.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. simillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or 84. breweri (Horn) 71–321 Ca 85. pruininus (Horn) 71–320 Ne pruinosulus O. Schw. 07–316 86. obversus (Horn) 71–322 Ca 87. conjungens (Lec.) 53–440 Ca	Te. Tr. Tr. Te. Tr. Te. Te. Te.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St. Ind. E. St. Mc. [O. Pa. Fla. MeGa. [Ala.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. simillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or 84. breweri (Horn) 71–321 Ca 85. pruininus (Horn) 71–320 Ne pruinosulus O. Schw. 07–316 86. obversus (Horn) 71–322 Ca 87. conjungens (Lec.) 53–440 Ca 88. noxius (Hyslop) 14–69 Wa	Te. Tr. Te. Te. Te. Te. Te. Te.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St. Ind. E. St. Mc. [O. Pa. Fla. MeGa. [Ala.
74. leucaspis (Germ.) 43–73 Or 75. elegans (Kby.) 37–150 appropinquans (Rand.) 38–5 Metinctus (Lec.) 59–85 Or 76. splendens (Zieg.) 44–44 Pa 77. æreipennis (Kby.) 37–150 L. 78. nigricornis (Panz.) 99–5 Eu N. metallicus (Payk.) 03–19 H. nitidulus (Lec.) 53–438 L. 79. aratus (Lec.) 53–439 L. 80. inflatus (Say) 25–258 ♂ S. simillimus (Mots.) 59–374 81. crassus (Lec.) 53–440 ♀ Ky 82. glaucus (Germ.) 43–76 ¹ Or 83. carbo (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or lateralis (Lec.) 53–439 Or 84. breweri (Horn) 71–321 Ca 85. pruininus (Horn) 71–320 Ne pruinosulus O. Schw. 07–316 86. obversus (Horn) 71–322 Ca 87. conjungens (Lec.) 53–440 Ca 88. noxius (Hyslop) 14–69 Wa	Te. r. a. L. Sup. a. L. Sup. Sup. [Man. ur. Sib Am B. T. Colo. Iass Sup Sup. Sup. Nfld & W. St. Pa. ad. Ct. y. Pa. r. Cal. r. r. al. eb. Cal. So [Cal. al. al. Jash. Iont.	04. decoratus (Mann.) 53-434 Hemicrepidius Germ. 39-212	Can. L. Sup. Can. [Lab. Mex. Or. Ariz. Cal. Or.Cal.So.Cal. Cal. So. Cal. Cal. So. Cal. N. Mex. Ga. O. E. St. M. & W. Md. [St. M. & S St. Ind. E. St. Mc. [O. Pa. Fla. MeGa. [Ala. Ind. Man.

¹ This has been placed as a variety of *crassus*, which in turn has been considered the female of *divaricalus*. In view of the difference in localities given, it seems best to number both names.

ELATERIDÆ 171

Hemicrepidius Germ.

mclanophthalmus (Mclsh.) 46–154 ♀

M. St.

cavifrons (Mclsh.) 46–154 ♂ Pa. Ga.

tener (Lec.) 53–452 ♀ N. Y.

Hemicrepidius Germ.

consentaneus (Lec.) 53–452 ♀
N. Y.

```53–453 ♀
N. J.

### Hypnoidini

|       | ohypnus Esch. 36–105        |                | Hypn  | oidus Steph.                |                |
|-------|-----------------------------|----------------|-------|-----------------------------|----------------|
| 8818. | hyperboreus (Gyll.) 27–350  |                | 8833. | dclumbis Horn 91–14         | Mass.          |
|       | planatus (Esch.) 29–34      | [Alas.         | 34.   | choris (Say) 39–172         | IndD. C.       |
| 19.   | quadripustulatus (Fab.) 92- | -236           | 35.   | ornatus (Lec.) 53–487       | So. CalOr.     |
|       |                             | Eur. & Am.     | a.    | colon Horn 71–305           |                |
|       | agricola Zett. 34–155       |                | b.    | moerens Horn 91–17          |                |
|       | quadrum (Gyll.) 27–457      |                | 36.   | cucullatus Horn 91–17       | Okla.Ut.Ariz.  |
| 20.   | pulchellus (L.) 58-656      | Eur. & Am.?    | 37.   | melsheimeri Horn 91–19      | D.C. Ill. Ind. |
|       | exiguus Rand. 38–35         | N. EngD. C.    |       | guttulatus‡ (Lec.) 53-487   | Pa.            |
|       |                             | Ind.           |       | guttatulus err. typ.        |                |
|       | guttulatus Melsh. 45–214    | Nec Lec.       | 38.   | caurinus Horn 91–20         | Wash.          |
|       | pulchellus ‡ (Lcc.) 53–487  | Mass. N. Y.    | 39.   | dispersus Horn 91–20        | Nev. Wash.     |
| 22.   | littoralis (Esch.) 29–34    | Alas. Sib.     | 40.   | gradarius Horn 91–21        | So. Cal.       |
| 23.   | grandicollis Lec. 66–83     | Can. Or.       | 41.   | tumescens (Lec.) 53–487     | L.Sup.N.Mex.   |
|       | sanborni Horn 71–303        | N. H. Lab.     |       | ` '                         | N. H. Man.     |
| 25.   | barbatus Sahlb. 85-30       | Alas. & Sib.   | 42.   | musculus (Esch.) 22–72      | Alas.          |
| 26.   | abbreviatus (Say) 23–173    | N.SAlas.Ind.   | 43.   | dubius Horn 71–305          | Neb. Dak.      |
|       | ` •                         | Nfld. Ct.      | 44.   | æstivus Horn 71–304         | Mo. Ind.       |
|       | silaceipes (Germ.) 44–139   | No. St.        | 45.   | perplexus Horn 71–304       | D. C. Ind.     |
|       | lacustris (Lec.) 53–486     | L. Sup.        |       | quadripustulatus! Lec. 66-  | 389            |
| 27.   | impressicollis Mann. 53-225 | ColoAlas.      | 46.   | gentilis Lec. 66–389        | NebWash.       |
| 28.   | nocturnus (Esch.) 29–33     | Arc. Am. Nfld. |       | *                           |                |
|       |                             | Sib.           | 47.   | restrictulus Mann. 53–228   | Alas. N. H.    |
| a.    | lucidulus Mann. 53–227      | AlasN. H.      |       | musculus‡ Cand. 60-64       |                |
|       | vestitus Mann. 53–227       |                | 48.   | obliquatulus (Mclsh.) 48-21 | 14             |
|       | fallax Mann. 53–226         |                |       |                             | N.Eng.Va.Ia.   |
| b.    | bicolor (Esch.) 29–33       | AlasLab.       |       |                             | Pa. Ind.       |
|       | limbatus Mann. 52–327       |                | 49.   | pectoralis (Say) 39–173     | Mass.Tex.Cal.  |
|       | scarificatus Mann. 53–326   |                |       | Francisco (only) do 110     | M.St. L.Sup.   |
|       | picescens Lec. 53–486       | L. Sup. Colo.  |       |                             | Ind. So.Cal.   |
|       |                             | N. Mex.        |       |                             | Ariz.          |
|       | ?riparius ‡ Cand. nec Fab.  | Arc. Am.       | a.    | futilis (Lcc.) 53–488       | So.Cal. Ariz.  |
|       | squalidus (Lec.) 53–487     | Cal. So. Cal.  |       | inops (Lec.) 53–488         | So.Cal. Wash.  |
|       | funebris Cand. 60–62        | Cal. Nev.      |       | • • •                       | Ariz.          |
| 31.   | lecontei Leng 18–205        |                |       |                             |                |
|       | planatus    Lec. 66–84      | CanPa. N.H.    | Oedo  | stethus Lcc. 53–489         | Ind. Mo. N.J.  |
| TT    | aidin Chamb 20 200          |                | 8850. | femoralis Lec. 53–489       | CanColo.       |
|       | oidus Steph. 30–200         | Cal. O. Pa. L. |       |                             |                |
| 0802. | striatulus (Lec.) 53–488    | Sup. Ind. So.  | Anth  | racopteryx Horn 91-30       |                |
|       |                             | Cal.           | 8851. | hicmalis Horn 91–31         | Colo.          |
|       |                             | Car.           |       |                             |                |

### MELANACTINI

| Melanactes Lec. 53-493     |               | Melanactes Lcc.               |               |
|----------------------------|---------------|-------------------------------|---------------|
| 8852. procerus Lec. 53–493 | S. C.?        | schaumi Cand. 68–14           |               |
| 53. piceus (DeG.) 75–162   | M.S.W.St. Ct. | 8855. morio (Fab.) 98–138     | M.& S.St.Ind. |
| femoralis (Melsh.) 44–216  | [Ind.         | lacunosus (Fab.) 01–224       | [Ct.          |
| laevigatus (Fab.) 98–138   |               | 56. puncticollis (Lec.) 52–68 | Mo. Ind.      |
| morio (Say) 39–165         |               | 57. consors Lcc. 53-495       | Neb. Ind.     |
| 54. densus Lec. 53-494     | Cal. So.Cal.  | 58. reichei (Germ.) 43–85     | Ga.           |

### OESTODINI

| Oesto | des Lcc. 53-424            |            |     |
|-------|----------------------------|------------|-----|
| 8859. | tenuicollis (Rand.) 38–17  | Me. Vt. Ma | ss. |
|       | graciliformis (Rand.) 38-1 |            | Ct. |

Oestodes Lec. 8860. puncticollis Horn 74-24 Dak.

### **ELATERINÆ**

### STEATODERINI

| Steatoderina Parallelostethus O. Schw. 06–28 8861. attenuatus (Say) 25–257 fuscus Cast. 37–240                   | 58<br>M.S.& W. St.<br>Ind. Man. Ct.<br>AtlTex.                                                                                                             | Oxygonus Lec. 63–48<br>8875. obesus (Say) 23–168<br>acutipennis (Rand.) 38–36<br>76. montanus Schfr. 17–43<br>77. ater Horn 71–318                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mo.Ct. Ind.<br>[Man.<br>N. Y.<br>Cal.                                                                                                             |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Diplostethus O. Schw. 06–258 8862. peninsularis (Champ.) 95–5 63. opacicollis Schfr. 16–260  Crigmus Lec. 53–453 | 506 L. Cal. Ariz.  God. 54-181)  So. Cal. So. Cal. Ct. M.S.& W. [St.Ind. Or. Ariz. TexL. Cal. (Fla.?) N.C. S.C. Fla. Fla. Ga. Tex. Ariz. [Ariz. Ariz. Tex. | Dolopius Esch. 29-34 8878. lateralis Esch. 29-34 californicus Mann. 43-243 pauper Lec. 53-458 imacer Lec. 57-47 simplex Mots. 59-378  a. sellatus Mann. 52-328 b. subustus Lec. 53-458 79. theveneti Horn 72-148  Sericosomina Sericus Esch. 29-34 (Sericosomus Steph. 39-175 (Atractopterus Lec. 53-454) 8880. fusiformis (Lec.) 53-454 81. viridanus (Say) 25-250 sublucens (Rand.) 38-37 82. incongruus (Lec.) 53-454 behrensi Cand. 89-56 83. silaceus (Say) 25-260   debilis Lec. 59-72 ?flavipennis Mots. 59-383 umbraticus Lec. 53-505   * 84. honestus Rand. 38-9 — humeralis Mots. 59-384 | Nfld. Ind. Ct. Ariz. So. Cal. Atl. St. Or. Cal. Cal. Cal. Cal. Cal. L. Sup. Pa. Ct. Me. L.Sup. Lab. Cal. [Nfld. M.& So.St. Ind. Fla. Ct. [So.Cal. |
|                                                                                                                  | Agri                                                                                                                                                       | OTINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                   |

| Agriotes Esch. 29–34                 |                 | Agriotes Esch.<br>8899. apicalis Lec. 84–18 | Cal.              |
|--------------------------------------|-----------------|---------------------------------------------|-------------------|
|                                      | Mr. T C.        |                                             |                   |
| 8885. mancus (Say) 23–171            | MoL.Sup.        | 8900. avulsus (Lcc.) 53–457                 | Pa. Vt. Ind.      |
|                                      | Ind. Atl.St.    | 01. torquatus Lec. 84–18                    | Cal.              |
| obesus‡ Harris 42–49                 | Canada.         | 02. montanus Lec. 84–18                     | Wy. Id.           |
| striatulus Melsh. 46–217             | Pa.             | 03. inversus Cand. 63–373                   | Cal.              |
| truncatus Melsh. 46-217              | Pa.             | ?flavipennis Mots. 59–383                   |                   |
| 86. stabilis (Lec.) 53–457           | Can. L. Sup.    | · ·                                         |                   |
| 87. insanus Cand. 63–376             | Ind. [Ind.      | Adrastina                                   |                   |
| sordidus    (Lec.)53-457             | N. Y.           | Betarmon Kies. 63–676                       |                   |
| 88. fucosus (Lec.) 53–456            | Can. L. Sup.    | 8904. bigeminatus (Rand.) 38-37             | Can.L.Sup.Pa.     |
| a. collaris (Lec.) 53–456            | Vt. [Vt. Nfld.  | 05. californicus Schfr. 17–42               | Cal. Mass.        |
| 89. brunneus Schfr. 16–264           | Utah.           |                                             | ·                 |
| 90. ferrugincipennis Lec. 61–348     |                 | Glyphonyx Cand. 63-451                      |                   |
|                                      |                 |                                             | Mr. C4 T., J. 101 |
| 91. imperfectus Lcc. 84–16           | Cal. So. Cal.   | 8906. recticollis (Say) 23–168              | M.St. Ind. Fla.   |
| 92. sparsus Lcc. 84–17               | Cal.            | inscius (Say) 39–184                        | Ind. [Ct.         |
| 93. pubescens Melsh. 46–217          | Man. Can. Pa.   | ?pumilus (Er.) 41–120                       | Cuba.             |
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| 94. limosus (Lec.) 53–457            | Can. L. Sup.    | 08. ferruginosus Schfr. 16–266              | Ariz. [Ct.        |
| ,                                    | Nfld.           | 09. quietus (Say) 39–184                    | Mo. Ind.          |
| 95. hispidus Lec. 84–17              | Cal. So. Cal.   | 10. inquinatus (Say) 39–175                 | N.C. Ind.         |
| 96. opaculus Lec. 59–85              | Cal.            | 11. quadraticollis Champ. 93-5              |                   |
| 97. oblongicollis (Melsh.) 46-2      |                 | quadantos                                   | Mex. Ariz.        |
| 277 02101181001110 (1.12010111) 10 2 | M. St. Ind. Ct. | 12. bimarginatus Schfr. 16-265              |                   |
| a. isabellinus (Melsh.) 46–218       |                 | 13. dubius Schfr. 16–265                    | Ariz.             |
| 98. nevadensis Lec. 84–17            | Nev.            | 14. mimeticus Horn 74–23                    | AlaMex.           |
| 30. Hevadensis Lec. 34-17            | 1464.           | 14. Infineticus 1101ft 74-25                | Aiaivicx.         |
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# ELATERINI

| Flatoring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                    | Tloton I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                   |
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| Elaterina Prostorius Fach 20, 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                    | Elater L.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Co III Ind                                                                                                                                                                                                        |
| Drasterius Esch. 29–33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tex.                                                                                                                                                                                                                                                               | 8956. pusio Germ. 43–169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | GaIll. Ind.<br>N. C.                                                                                                                                                                                              |
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| 18. scutellatus Schfr. 17–41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                    | 59. manipularis Cand. 59–478                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CanTex. Ind.                                                                                                                                                                                                      |
| 19. asper Lec. 84–4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tex.                                                                                                                                                                                                                                                               | 60. pcdalis Germ. 43–176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fla. CanB. C.                                                                                                                                                                                                     |
| 20. cribratus Lec. 84–4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | L. Sup.                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ind. Nfld.                                                                                                                                                                                                        |
| 21. grandicollis Horn 71–308                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cal.                                                                                                                                                                                                                                                               | ursulus Melsh. 46–213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pa. N. Y.                                                                                                                                                                                                         |
| 22. fretus Csy. 85–171                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Pa.                                                                                                                                                                                                                                                                | deletus Lec. 53–469                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | L. Sup.                                                                                                                                                                                                           |
| 23. curtipennis O. Schw. 06–11:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5 Ala.                                                                                                                                                                                                                                                             | ?rufipes Beauv. 05–214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cal So Cal                                                                                                                                                                                                        |
| brevipennis    O. Schw. 03-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ala.                                                                                                                                                                                                                                                               | 61. longicornis Lec. 84–12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cal. So. Cal.<br>Alas:(So.Cal.?)                                                                                                                                                                                  |
| 24. minor O. Schw. 03–58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                                                                                                               | 62. carbonicolor Esch. 29–33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Eur. Sib. Alas.                                                                                                                                                                                                   |
| 25. præses Cand. 65–28<br>— simiolus Cand. 59–428                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mex. Cal.?                                                                                                                                                                                                                                                         | 63. nigrinus Hbst. 84–114                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Vanc. Lab. Ct.                                                                                                                                                                                                    |
| simiorus Canu. 99-428                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Mex. Cal.:                                                                                                                                                                                                                                                         | anthracinus Lec. 69–378                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Vanc. Mich.                                                                                                                                                                                                       |
| Elatrinus Horn 71-307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                    | anthracinus Lec. 09–378                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Can. Vt.                                                                                                                                                                                                          |
| 8926. anthrax Horn 71–307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cal.                                                                                                                                                                                                                                                               | 64. mixtus Hbst. 06–54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Anticosti-                                                                                                                                                                                                        |
| 5520. antmax Horn 71–507                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cai.                                                                                                                                                                                                                                                               | 04. mixtus 110st. 00-54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | L. Sup. Conn.                                                                                                                                                                                                     |
| <b>Elater</b> L. 67-651                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                    | lacustris Lec. 53–468                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L. Sup. Com.                                                                                                                                                                                                      |
| 8927. phelpsi Horn 74–22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                                                                                                               | fusculus Lec. 53–468                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | L. Sup.                                                                                                                                                                                                           |
| 28. horni Cand. 80–63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cal.                                                                                                                                                                                                                                                               | miniipennis Lec. 53–469                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ga.Md.L.Sup.                                                                                                                                                                                                      |
| 29. cordatus Horn 71–306                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M. St. Pa.                                                                                                                                                                                                        |
| 30. behrensi Horn 71–214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                                                                                                               | 65. impolitus Melsh. 46–180<br>66. socer Lec. 53–467                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Pa. Ill. H.B.T.                                                                                                                                                                                                   |
| 31. cordifer Lec. 59–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cal. So. Cal.                                                                                                                                                                                                                                                      | 00. Socei Lec. 55-401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ind.                                                                                                                                                                                                              |
| lecontei Cand. 59–459                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Can. So. Can.                                                                                                                                                                                                                                                      | 67. subtilis Lec. 84–12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | L. Sup. Ind.                                                                                                                                                                                                      |
| 32. pullus Germ. 43–162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MeWash.                                                                                                                                                                                                                                                            | 68. luctuosus Lec. 53–466                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Anticosti-                                                                                                                                                                                                        |
| 33. oregonus Schfr. 16–258                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Or.                                                                                                                                                                                                                                                                | 08. Idetdosas Dec. 30 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | L. Sup. Nfld.                                                                                                                                                                                                     |
| 34. nigricollis Hbst. 01–73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CanGa. Ind.                                                                                                                                                                                                                                                        | 69. nigricans Germ. 43-176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PaN. Y.                                                                                                                                                                                                           |
| 35. linteus Say 39–168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fla. CanGa.                                                                                                                                                                                                                                                        | 03. Higheans Germ. 45 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | L. Sup. Conn.                                                                                                                                                                                                     |
| lugubris Germ. 43–165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | [L. Sup. Ind.                                                                                                                                                                                                                                                      | fuscatus Melsh. 46–213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | M. St. Fla.                                                                                                                                                                                                       |
| 36. sellatus Dej. 36–104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (E. Sup. Ind.                                                                                                                                                                                                                                                      | testaceipes Melsh. 46–243                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 111. 00. 114.                                                                                                                                                                                                     |
| discoideus    Fab. 01–240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CanGa. So.                                                                                                                                                                                                                                                         | molestus Lec. 53–467                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | L. Sup.                                                                                                                                                                                                           |
| 4150014045    2 45. 02 <b>2</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | St. Ohio.                                                                                                                                                                                                                                                          | 70. moerens Lec. 61–347                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cal. Or.                                                                                                                                                                                                          |
| OF 1.1 T FO 40F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                    | TOT INCOLORD ELECT OF CALL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0411 011                                                                                                                                                                                                          |
| 37. vitiosus Lec. 53–405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | vt. Can. M. S.                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                   |
| 37. vitiosus Lec. 53–465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Vt. Can. M. S.<br>St.                                                                                                                                                                                                                                              | Ectamenogonus Buysson 93–31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                                                                                                                                                                                                 |
| 38. læsus Lec. 53–465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                    | Ectamenogonus Buysson 93–31<br>8971. melsheimeri Leng 18–206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | St.                                                                                                                                                                                                                                                                | 8971. melsheimeri Leng 18–206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                   |
| 38. læsus Lec. 53–465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | St.<br>Ga.Mass.N.Y.                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                   |
| 38. læsus Lec. 53–465<br>39. sayi Lec. 53–465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | St.<br>Ga.Mass.N.Y.<br>M. St. Ind.<br>Fla. Ga. Mass.                                                                                                                                                                                                               | 8971. melsheimeri Leng 18–206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ) M.& W.St.Pa.                                                                                                                                                                                                    |
| 38. læsus Lec. 53–465<br>39. sayi Lec. 53–465<br>oblessus‡ Say 39–165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | St. Ga.Mass.N.Y. M. St. Ind. Fla. Ga. Mass. [Ill. Ind.                                                                                                                                                                                                             | 8971. melsheimeri Leng 18–206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | M.& W.St.Pa.<br>Can. Vt. Incl.                                                                                                                                                                                    |
| 38. læsus Lec. 53–465<br>39. sayi Lec. 53–465<br>oblessus‡ Say 39–165<br>40. verticinus Beauv. 05–214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | St. Ga.Mass.N.Y. M. St. Ind. Fla. Ga. Mass. [Ill. Ind. Can. N. Eng.                                                                                                                                                                                                | 8971. melsheimeri Leng 18–206<br>hepaticus    (Melsh.) 46–160<br>72. insignis (Lec.) 84–11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | M.& W.St.Pa.<br>Can. Vt. Ind.<br>Fla. So. Cal.                                                                                                                                                                    |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | St. Ga.Mass.N.Y. M. St. Ind. Fla. Ga. Mass. [Ill. Ind.                                                                                                                                                                                                             | 8971. melsheimeri Leng 18–206<br>hepaticus    (Melsh.) 46–160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | M.& W.St.Pa.<br>Can. Vt. Ind.<br>Fla. So. Cal.<br>Tex.                                                                                                                                                            |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10 protervus Lec. 53–471                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup.                                                                                                                                                                             | <ul> <li>8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160</li> <li>72. insignis (Lec.) 84-11</li> <li>73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385</li> <li>74. fastus (Lec.) 84-11</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M.& W.St.Pa.<br>Can. Vt. Ind.<br>Fla. So. Cal.<br>Tex.<br>Or. Cal. Vanc.                                                                                                                                          |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn.                                                                                                                                                                 | <ul> <li>8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160</li> <li>72. insignis (Lec.) 84-11</li> <li>73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex.                                                                                                                               |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. inilitaris Harris 36–70 43. rubricus Say 25–261                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup.                                                                                                                                                                             | <ul> <li>8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160</li> <li>72. insignis (Lec.) 84-11</li> <li>73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385</li> <li>74. fastus (Lec.) 84-11</li> <li>75. rubriventris (Lec.) 84-12</li> <li>76. partitus (Cand.) 80-63</li> </ul>                                                                                                                                                                                                                                                                                                                                                                       | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev.                                                                                                                     |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.                                                                                                                                                     | <ul> <li>8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160</li> <li>72. insignis (Lec.) 84-11</li> <li>73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385</li> <li>74. fastus (Lec.) 84-11</li> <li>75. rubriventris (Lec.) 84-12</li> <li>76. partitus (Cand.) 80-63</li> <li>77. melinus (Lec.) 84-12</li> </ul>                                                                                                                                                                                                                                                                                                                                     | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal.                                                                                                                |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12                                                                                                                                                                                                                                                                                                                                                                                                                                                       | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev.                                                                                                                                               | <ul> <li>8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160</li> <li>72. insignis (Lec.) 84-11</li> <li>73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385</li> <li>74. fastus (Lec.) 84-11</li> <li>75. rubriventris (Lec.) 84-12</li> <li>76. partitus (Cand.) 80-63</li> <li>77. melinus (Lec.) 84-12</li> <li>— ?macilentus Rand. 38-13</li> </ul>                                                                                                                                                                                                                                                                                                  | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me.                                                                                                            |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306                                                                                                                                                                                                                                                                                                                                                                                                                            | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.                                                                                                                                          | <ul> <li>8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160</li> <li>72. insignis (Lec.) 84-11</li> <li>73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385</li> <li>74. fastus (Lec.) 84-11</li> <li>75. rubriventris (Lec.) 84-12</li> <li>76. partitus (Cand.) 80-63</li> <li>77. melinus (Lec.) 84-12</li> </ul>                                                                                                                                                                                                                                                                                                                                     | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal.                                                                                                                |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–65                                                                                                                                                                                                                                                                                                                                                                                                 | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.                                                                                                                                          | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9                                                                                                                                                                                                                                                                                                                                                              | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me.                                                                                                            |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–65 46. nevadensis Lec. 84–12                                                                                                                                                                                                                                                                                                                                                                       | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev.                                                                                                                                    | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472                                                                                                                                                                                                                                                                                                                                          | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me.                                                                                                        |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–63 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12                                                                                                                                                                                                                                                                                                                                              | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. Nev. Nev.                                                                                                                          | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307                                                                                                                                                                                                                                                                                                           | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me.                                                                                                        |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–63 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268                                                                                                                                                                                                                                                                                                                      | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. Nev. Nev. Nev. M.&S.St.Ind.                                                                                                        | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472                                                                                                                                                                                                                                                                                                                                          | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me.                                                                                                        |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–63 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469                                                                                                                                                                                                                                                                                                   | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. Nev. Nev.                                                                                                                          | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473                                                                                                                                                                                                                                                                                         | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me.                                                                                                        |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–63 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51                                                                                                                                                                                                                                                                           | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. Nev. M.&S.St.Ind. Ga. [Conn.                                                                                                       | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353                                                                                                                                                                                                                                                               | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me.                                                                                                        |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–62 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257                                                                                                                                                                                                                                          | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. Nev. M.&S.St.Ind. Ga. [Conn.                                                                                                       | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472)                                                                                                                                                                                                                                   | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me.                                                                                                        |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–62 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177                                                                                                                                                                                                            | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill.                                                                                 | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus; Melsh. 44-159)                                                                                                                                                                                                          | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Ga. Ga. Ga.                                                                                            |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–62 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168                                                                                                                                                                                 | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind.                                                                    | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus; Melsh. 44-159) 8979. tartareus (Lec.) 59-85                                                                                                                                                                             | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Ga. Ga. Ga.                                                                                            |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–62 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168 humeralis Melsh. 46–159                                                                                                                                                         | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa.                                                                     | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus; Melsh. 44-159) 8979. tartareus (Lec.) 59-85 aterrimus (Mots.) 59-382                                                                                                                                                    | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Ga. Ga. Ga. Ga. Or. So. Cal. Alas.                                                                     |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–62 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168 humeralis Melsh. 46–159 52. dimidiatus Lec. 61–347                                                                                                                              | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa. So. Cal. Or.                                                        | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus; Melsh. 44-159) 8979. tartareus (Lec.) 59-85 aterrimus (Mots.) 59-382 80. limbalis (Hbst.) 06-162 ♂                                                                                                                      | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Ga. Ga. Ga. Ga. Gr. So. Cal. Alas. M.S.& W.St.                                                         |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–62 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168 humeralis Melsh. 46–159 52. dimidiatus Lec. 61–347 53. apicatus Say 39–170                                                                                                      | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa. So. Cal. Or. ColoVanc.                                              | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus; Melsh. 44-159) 8979. tartareus (Lec.) 59-85 aterrimus (Mots.) 59-382                                                                                                                                                    | OM.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Ga. Ga. Ga. Ga. Or. So. Cal. Alas. M.S.& W.St.                                                        |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–62 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168 humeralis Melsh. 46–159 52. dimidiatus Lec. 61–347 53. apicatus Say 39–170 melanopygus Germ. 43–168                                                                             | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa. So. Cal. Or. ColoVanc. 1 [Ariz.                                     | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus‡ Melsh. 44-159) 8979. tartareus (Lec.) 59-85 aterrimus (Mots.) 59-382 80. limbalis (Hbst.) 06-162 ♂ granulosus (Melsh.) 44-159                                                                                           | OM.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Me. Ga. Ga. Ga. Ga. Ga.  Or. So. Cal. Alas. M.S.& W.St.                                               |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–62 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168 humeralis Melsh. 46–159 52. dimidiatus Lec. 61–347 53. apicatus Say 39–170                                                                                                      | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa. So. Cal. Or. ColoVanc. [Ariz. 61]                                   | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus‡ Melsh. 44-159) 8979. tartareus (Lec.) 59-85 aterrimus (Mots.) 59-382 80. limbalis (Hbst.) 06-162 or granulosus (Melsh.) 44-159 sturmi (Lec.) 53-463                                                                     | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Ga. Ga. Ga. Ga.  Or. So. Cal. Alas. M.S.& W.St.                                                        |
| 38. læsus Lec. 53-465 39. sayi Lec. 53-465 oblessus‡ Say 39-165 40. verticinus Beauv. 05-214 rubricollis Hbst. 06-49 41. semicinctus Rand. 38-10  protervus Lec. 53-471 42. militaris Harris 36-70 43. rubricus Say 25-261 concinnus Germ. 43-170 44. lateralis Lec. 84-12 45. atripennis Horn 71-306 violaceipennis Cand. 81-65 46. nevadensis Lec. 84-12 47. torquatus Lec. 84-12 48. collaris Say 25-268 palans Lec. 53-469 thoracicus‡ Hbst. 01-51 49. sanguinicollis Schfr. 16-257 50. sanguinipennis Say 23-177 51. xanthomus Germ. 43-168 humeralis Melsh. 46-159 52. dimidiatus Lec. 61-347 53. apicatus Say 39-170 melanopygus Germ. 43-16 a. phœnicopterus Gcrm. 43-16                                                 | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa. So. Cal. Or. ColoVanc. [Ariz. 61 Or. L. Sup.                        | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus‡ Melsh. 44-159) 8979. tartareus (Lec.) 59-85 aterrimus (Mots.) 59-382 80. limbalis (Hbst.) 06-162 ♂ granulosus (Melsh.) 44-159  sturmi (Lec.) 53-463 81. horni n. m.                                                     | OM.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Me.  Ga. Ga. Ga. Ga. Ga.  Or. So. Cal. Alas. M.S.& W.St. Q FlaConn. M.& St.Fla.                       |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–65 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168 humeralis Melsh. 46–159 52. dimidiatus Lec. 61–347 53. apicatus Say 39–170 melanopygus Germ. 43–16 a. phœnicopterus Germ. 43–16 54. affinis Lec. 84–13                          | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa. So. Cal. Or. ColoVanc. 1 [Ariz. 61 Or. L. Sup. W. StVanc.           | 8971. melsheimeri Leng 18–206 hepaticus    (Melsh.) 46–160  72. insignis (Lec.) 84–11 73. rhodopus (Lec.) 57–47 umbricolor (Mots.) 59–385 74. fastus (Lec.) 84–11 75. rubriventris (Lec.) 84–12 76. partitus (Cand.) 80–63 77. melinus (Lec.) 84–12 — ?macilentus Rand. 38–13 — ?basalis Rand. 38–9  Blauta Lec. 53–472 8978. cribraria (Germ.) 43–307 cauta Lec. 53–473  Megapenthes Kies. 63–353 (Elater (pars) Lec. 53–472) (Ectinus‡ Melsh. 44–159) 8979. tartareus (Lec.) 59–85 aterrimus (Mots.) 59–382 80. limbalis (Hbst.) 06–162 ♂ granulosus (Melsh.) 44–159  sturmi (Lec.) 53–463 81. horni n. m. aterrimus    Horn 71–309                            | M.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Me.  Ga. Ga. Ga. Ga.  Or. So. Cal. Alas. M.S.& W.St. Q FlaConn. M.& St.Fla.  N.Mex.Cal.                |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. inilitaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–65 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168 humeralis Melsh. 46–159 52. dimidiatus Lec. 61–347 53. apicatus Say 39–170 melanopygus Germ. 43–16 a. phœnicopterus Germ. 43–16 54. affinis Lec. 84–13 55. obliquus Say 39–174 | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa. So. Cal. Or. ColoVanc. [Ariz. 61 Or. L. Sup.                        | 8971. melsheimeri Leng 18-206 hepaticus    (Melsh.) 46-160  72. insignis (Lec.) 84-11 73. rhodopus (Lec.) 57-47 umbricolor (Mots.) 59-385 74. fastus (Lec.) 84-11 75. rubriventris (Lec.) 84-12 76. partitus (Cand.) 80-63 77. melinus (Lec.) 84-12 — ?macilentus Rand. 38-13 — ?basalis Rand. 38-9  Blauta Lec. 53-472 8978. cribraria (Germ.) 43-307 cauta Lec. 53-473  Megapenthes Kies. 63-353 (Elater (pars) Lec. 53-472) (Ectinus‡ Melsh. 44-159) 8979. tartareus (Lec.) 59-85 aterrimus (Mots.) 59-382 80. limbalis (Hbst.) 06-162 ♂ granulosus (Melsh.) 44-159  sturmi (Lec.) 53-463 81. horni n. m. aterrimus    Horn 71-309 82. nigriventris Lec. 84-7 | OM.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Me.  Ga. Ga. Ga. Ga. Ga.  Or. So. Cal. Alas. M.S.& W.St. Q FlaConn. M.& St.Fla.                       |
| 38. læsus Lec. 53–465 39. sayi Lec. 53–465 oblessus‡ Say 39–165 40. verticinus Beauv. 05–214 rubricollis Hbst. 06–49 41. semicinctus Rand. 38–10  protervus Lec. 53–471 42. militaris Harris 36–70 43. rubricus Say 25–261 concinnus Germ. 43–170 44. lateralis Lec. 84–12 45. atripennis Horn 71–306 violaceipennis Cand. 81–65 46. nevadensis Lec. 84–12 47. torquatus Lec. 84–12 48. collaris Say 25–268 palans Lec. 53–469 thoracicus‡ Hbst. 01–51 49. sanguinicollis Schfr. 16–257 50. sanguinipennis Say 23–177 51. xanthomus Germ. 43–168 humeralis Melsh. 46–159 52. dimidiatus Lec. 61–347 53. apicatus Say 39–170 melanopygus Germ. 43–16 a. phœnicopterus Germ. 43–16 54. affinis Lec. 84–13                          | St. Ga.Mass.N.Y. M. St. Ind.  Fla. Ga. Mass. [Ill. Ind. Can. N. Eng. N. Y. Me. L. Sup. N. Y. Conn. CanN.C.Ind.  Nev. Cal.  Nev. M.&S.St.Ind. Ga. [Conn.  Utah. Mass. Ga. Ill. M. St. [Ind. Pa. So. Cal. Or. ColoVanc. 1 [Ariz. 61 Or. L. Sup. W. StVanc. CanGaIll. | 8971. melsheimeri Leng 18–206 hepaticus    (Melsh.) 46–160  72. insignis (Lec.) 84–11 73. rhodopus (Lec.) 57–47 umbricolor (Mots.) 59–385 74. fastus (Lec.) 84–11 75. rubriventris (Lec.) 84–12 76. partitus (Cand.) 80–63 77. melinus (Lec.) 84–12 — ?macilentus Rand. 38–13 — ?basalis Rand. 38–9  Blauta Lec. 53–472 8978. cribraria (Germ.) 43–307 cauta Lec. 53–473  Megapenthes Kies. 63–353 (Elater (pars) Lec. 53–472) (Ectinus‡ Melsh. 44–159) 8979. tartareus (Lec.) 59–85 aterrimus (Mots.) 59–382 80. limbalis (Hbst.) 06–162 ♂ granulosus (Melsh.) 44–159  sturmi (Lec.) 53–463 81. horni n. m. aterrimus    Horn 71–309                            | OM.& W.St.Pa. Can. Vt. Ind. Fla. So. Cal. Tex. Or. Cal. Vanc. So. Cal. Ariz. N. Mex. Cal. Nev. Cal. Me. Me. Me.  Ga. Ga. Ga. Ga.  Or. So. Cal. Alas. M.S.& W.St. Q FlaConn. M.& St.Fla.  N.Mex.Cal. Cal. [So.Cal. |

| Managementh of Vi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Dienewidiese Frak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                        |
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| Megapenthes Kies.<br>8985. nigriceps Schfr. 16–259                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dicrepidius Esch. 8995. corvinus Cand. 59-145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mex. Ariz.                                                                                                                                                                                                                                             |
| 86. tarsalis Schfr. 16–259                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N. C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | coo. corvinus cana. or 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | THORU ILLIAN                                                                                                                                                                                                                                           |
| 87. elegans Horn 71–310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ischiodontus Cand. 59–90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                        |
| 88. stigmosus (Lec.) 53–472                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No.St.L.Sup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (Tricrepidius Mots. 59–366                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                        |
| caprella (Lec.) 57–47<br>89. rogersi Horn 71–213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | [So. Cal. Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8996. soleatus (Say) 39–176<br>97. simplex (Lec.) 53–462                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Mich.Ind.Fla. Tex.                                                                                                                                                                                                                                     |
| 90. lepidus Lec. 84–7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | oblitus Cand. 59–101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I CA.                                                                                                                                                                                                                                                  |
| 91. angularis Lec. 66–390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mo.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 98. ferreus (Lec.) 53–462                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tex. Fla.                                                                                                                                                                                                                                              |
| 92. turbulentus (Lec.) 53–463                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | So. Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | triangulicollis (Mots.) 59-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 667<br>Cal.                                                                                                                                                                                                                                            |
| Dicrepidius Esch. 29–31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 99 parallelus O. Schw. 06-104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
| 8993. palmatus Cand. 59–146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ind.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Con Parametan de Bourne de Co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
| 94. ramicornis (Beauv.) 05–10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Atractodes Germ. 39-219                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 77 4 6                                                                                                                                                                                                                                                 |
| pectinicornis Esch. 29–10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | [St. Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — infumatus Cand. 59–137                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N. Am.?                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Physor                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RHININI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                        |
| Physographics Feel 26 tobl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 111501                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
| Physorrhinus Esch. 36-tabl. 9000. fusculus Champ. 95-385                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Anchastus Lec. 9009. fuscus (Lec.) 78–404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fla.                                                                                                                                                                                                                                                   |
| frontalis    (Horn) 84–349                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10. bicarinatus (Lec.) 53–461                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Fla. Ga.                                                                                                                                                                                                                                               |
| 01. yuccæ Wickh. 03–67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11. bicolor Lec. 66–390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cal. Ariz.                                                                                                                                                                                                                                             |
| Anchastus Lec. 53–459                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | a. desertus Horn 71–311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | So. Cal.<br>Pa.                                                                                                                                                                                                                                        |
| (Brachycrepis Lec. 53-460)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12. digitatus Lec. 53–459<br>13. sericans Cand. 91–106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1a.                                                                                                                                                                                                                                                    |
| 9002. signaticallis (Germ.) 43-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | horni O. Schw. 07–315                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                        |
| 03. tantillus (Mann.) 43–239                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | sericeus    Horn 71–311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ariz.                                                                                                                                                                                                                                                  |
| 04. cinereipennis (Esch.) 29–3<br>puberulus (Mann.) 43–240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cal. So. Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14. rufus Cand. 59–404<br>— regularis Mots. 59–364                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | La.<br>Cal.                                                                                                                                                                                                                                            |
| 05. binus (Say) 39–177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ind.Ga.Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | - recedens Lec. 53-460                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cal.                                                                                                                                                                                                                                                   |
| 06. militaris Cand. 80–59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | — hirsutulus Mots. 59–364                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                        |
| 07. asper Lec. 78–404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | — pilifer Mots. 59–365                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 08. longulus Lec. 78–404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Melai                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NOTINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
| Melanotus Esch. 29–32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Melanotus Esch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
| (Cratonychus Lac. 35-631)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | .1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9035. communis (Gyll.) 17–138                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | E.U.SNeb.                                                                                                                                                                                                                                              |
| (Cratonychus Lac. 35–631)<br>(Ctenonychus Melsh. 44–15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 51)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9035. communis (Gyll.) 17–138<br>cinereus (Weber) 01–77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | E.U.SNeb.<br>[Ind.La.Fla.                                                                                                                                                                                                                              |
| (Cratonychus Lac. 35–631)<br>(Ctenonychus Melsh. 44–13<br>(Perimecus Kby. 37–63)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9035. communis (Gyll.) 17–138<br>cinereus (Weber) 01–77<br>simplex Germ. 24–42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                        |
| (Cratonychus Lac. 35–631)<br>(Ctenonychus Melsh. 44–18<br>(Perimecus Kby. 37–63)<br>9015. castanipes (Payk.) 00–23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Eur.& N. Am.<br>Sib. Ind. Nfld.                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9035. communis (Gyll.) 17–138<br>cinereus (Weber) 01–77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | [Ind.La.Fla. M. & So.St.                                                                                                                                                                                                                               |
| (Cratonychus Lac. 35–631)<br>(Ctenonychus Melsh. 44–13<br>(Perimecus Kby. 37–63)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Eur.& N. Am.<br>Sib. Ind. Nfld.<br>Vt.L.Sup.Can.                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9035. communis (Gyll.) 17–138<br>cinereus (Weber) 01–77<br>simplex Germ. 24–42<br>spadix (Er.) 42–103<br>36. fissilis (Say) 39–183                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | [Ind.La.Fla.<br>M. & So.St.<br>Ind.So.Cal.                                                                                                                                                                                                             |
| (Cratonychus Lac. 35-631)<br>(Ctenonychus Melsh. 44-18<br>(Perimecus Kby. 37-63)<br>9015. castanipes (Payk.) 00-23<br>inæqualis (Lec.) 53-476                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Eur.& N. Am.<br>Sib. Ind. Nfld.<br>Vt.L.Sup.Can.<br>Pa. Ohio.                                                                                                                                                                                                                                                                                                                                                                                                                       | 9035. communis (Gyll.) 17–138<br>cinereus (Weber) 01–77<br>simplex Germ. 24–42<br>spadix (Er.) 42–103<br>36. fissilis (Say) 39–183<br>cinereus (Weber) 01–77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | [Ind.La.Fla. M. & So.St.                                                                                                                                                                                                                               |
| (Cratonychus Lac. 35–631)<br>(Ctenonychus Melsh. 44–18<br>(Perimecus Kby. 37–63)<br>9015. castanipes (Payk.) 00–23<br>inæqualis (Lec.) 53–476<br>scrobicollis (Lec.) 53–476                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich.                                                                                                                                                                                                                                                                                                                                                                                                          | 9035. communis (Gyll.) 17–138<br>cinereus (Weber) 01–77<br>simplex Germ. 24–42<br>spadix (Er.) 42–103<br>36. fissilis (Say) 39–183                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | [Ind.La.Fla.<br>M. & So.St.<br>Ind.So.Cal.                                                                                                                                                                                                             |
| (Cratonychus Lac. 35–631)<br>(Ctenonychus Melsh. 44–18<br>(Perimecus Kby. 37–63)<br>9015. castanipes (Payk.) 00–23<br>inæqualis (Lec.) 53–476<br>scrobicollis (Lec.) 53–476                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind.                                                                                                                                                                                                                                                                                                                                                                                                 | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.                                                                                                                                                                                                      |
| (Cratonychus Lac. 35–631) (Ctenonychus Melsh. 44–18 (Perimecus Kby. 37–63) 9015. castanipes (Payk.) 00–23 inæqualis (Lec.) 53–476 scrobicollis (Lec.) 53–476  16. corticinus (Say) 23–174 17. longulus (Lec.) 53–473                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal.                                                                                                                                                                                                                                                                                                                                                                                        | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa.                                                                                                                                                                                           |
| (Cratonychus Lac. 35–631)<br>(Ctenonychus Melsh. 44–18<br>(Perimecus Kby. 37–63)<br>9015. castanipes (Payk.) 00–23<br>inæqualis (Lec.) 53–476<br>scrobicollis (Lec.) 53–476                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind.                                                                                                                                                                                                                                                                                                                                                                                                 | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis(Melsh.) 46–156                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa.                                                                                                                                                                                           |
| (Cratonychus Lac. 35–631) (Ctenonychus Melsh. 44–18 (Perimecus Kby. 37–63) 9015. castanipes (Payk.) 00–23 inæqualis (Lec.) 53–476 scrobicollis (Lec.) 53–476  16. corticinus (Say) 23–174 17. longulus (Lec.) 53–473 18. macer (Lec.) 53–473 19. decumanus (Er.) 42–104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct.                                                                                                                                                                                                                                                                                                                                                         | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis(Melsh.) 46–156 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754                                                                                                                                                                                                                                                                                                                                                                                                                                                   | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind.                                                                                                                                                                        |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473  19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga.                                                                                                                                                                                                                                                                                                                                                     | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–156 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754                                                                                                                                                                                                                                                                                                                                                                                                                       | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind. Ind.                                                                                                                                                                   |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473 19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474                                                                                                                                                                                                                                                                                                                                                                                                                                           | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo.                                                                                                                                                                                                                                                                                                                                                 | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis(Melsh.) 46–156 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754                                                                                                                                                                                                                                                                                                                                                                                                                                                   | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind. Ind. 46-151                                                                                                                                                            |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473 19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-343                                                                                                                                                                                                                                                                                                                                                                                    | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga.                                                                                                                                                                                                                                                                                                                                   | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–156 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754                                                                                                                                                                                                                                                                                                                                                                                                                       | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn.                                                                                                                                      |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473 19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-343 22. clandestinus (Er.) 42-112                                                                                                                                                                                                                                                                                                                                                      | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St.                                                                                                                                                                                                                                                                                                                       | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–156 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.) 41. effetus Cand. 60–355 42. verberans (Lec.) 53–478                                                                                                                                                                                                                                                                                                                                      | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa.  O Pa.  N. Mex. Ind. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn.                                                                                                                  |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473 19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-343 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474                                                                                                                                                                                                                                                                                                                           | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga.                                                                                                                                                                                                                                                                                                                                   | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis(Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.) 41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478                                                                                                                                                                                                                                                                                                            | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga.                                                                                                                     |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473  19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-343 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205                                                                                                                                                                                                                                                                                               | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.                                                                                                                                                                                                                                                                                                                   | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis(Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.) 41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478                                                                                                                                                                                                                                                                                | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa.  O Pa.  N. Mex. Ind. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn.                                                                                                                  |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473 19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-342 21. despectus Cand. 60-343 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205 longicornis    Blatch. 10-74 25. ignobilis (Melsh.) 46-152                                                                                                                                                                                                          | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.  46 Ind. Pa. Ind.                                                                                                                                                                                                                                                                                                 | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.)  41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358                                                                                                                                                                                                                   | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa.  O Pa.  N. Mex. Ind. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla.                                                                                                     |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473 19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-342 21. despectus Cand. 60-343 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205 longicornis    Blatch. 10-74 25. ignobilis (Melsh.) 46-152 26. depressus (Melsh.) 46-152                                                                                                                                                                            | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga. 46 Ind. Pa. Ind. Pa. Ind.                                                                                                                                                                                                                                                                                         | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.)  41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358 47. paganus Cand. 60–358                                                                                                                                                                                          | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla. Neb. So.Cal.Ariz.                                                                                          |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473  19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-342 21. despectus Cand. 60-343 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205 longicornis    Blatch. 10-74 25. ignobilis (Melsh.) 46-152 26. depressus (Melsh.) 46-152 27. prasinus Blatch. 10-752                                                                                                                                               | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.  46 Ind. Pa. Ind.                                                                                                                                                                                                                                                                                                 | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.) 41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358 47. paganus Cand. 60–358 48. pertinax (Say) 39–185                                                                                                                                                                 | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla. Neb.                                                                                                       |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473  19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-342 21. despectus Cand. 60-343 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205 longicornis    Blatch. 10-74 25. ignobilis (Melsh.) 46-152 26. depressus (Melsh.) 46-152 27. prasinus Blatch. 10-752 28. angustatus (Er.) 42-113 testaceus (Melsh.) 46-152                                                                                         | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.  46 Ind. Pa. Ind. Pa. Ind. Ind. Pa. Ind. Pa. Ind. Pa. Ind.                                                                                                                                                                                                                                                        | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.)  41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358 47. paganus Cand. 60–358                                                                                                                                                                                          | Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. OPa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla. Neb. So.Cal.Ariz.  Mass.Ga.Ind. N.Y.Fla.Ct. M.&So.St.Ind.                                                    |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473  19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-342 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205 longicornis    Blatch. 10-74 25. ignobilis (Melsh.) 46-152 26. depressus (Melsh.) 46-152 27. prasinus Blatch. 10-752 28. angustatus (Er.) 42-113 testaceus (Melsh.) 46-152 29. trapezoideus (Lec.) 53-478                                                                                     | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.  46 Ind. Pa. Ind.                                                                                                                                                                                                                                           | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.)  41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358 47. paganus Cand. 60–358 48. pertinax (Say) 39–185 49. dubius (Lec.) 53–479 50. tenax (Say) 39–185                                                                                                                | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa.  O Pa.  N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla. Neb. So.Cal.Ariz.  Mass.Ga.Ind. N.Y.Fla.Ct. M.&So.St.Ind. Conn.                                          |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473  19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-342 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205 longicornis    Blatch. 10-74 25. ignobilis (Melsh.) 46-152 26. depressus (Melsh.) 46-152 27. prasinus Blatch. 10-752 28. angustatus (Er.) 42-113 testaceus (Melsh.) 46-152 29. trapezoideus (Lec.) 53-475 30. tænicollis (Lec.) 53-475                                                        | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.  46 Ind. Pa. Ind.                                                                                                                                                          | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.)  41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358 47. paganus Cand. 60–358 48. pertinax (Say) 39–185 49. dubius (Lec.) 53–479 50. tenax (Say) 39–185                                                                                                                | Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. O Pa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla. Neb. So.Cal.Ariz.  Mass.Ga.Ind. N.Y.Fla.Ct. M.&So.St.Ind. Conn. E.U.S.Ind.                                  |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473  19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-342 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205 longicornis    Blatch. 10-74 25. ignobilis (Melsh.) 46-152 26. depressus (Melsh.) 46-152 27. prasinus Blatch. 10-752 28. angustatus (Er.) 42-113 testaceus (Melsh.) 46-152 29. trapezoideus (Lec.) 53-478                                                                                     | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.  46 Ind. Pa. Ind.                                                                                                                                                                                                                                           | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis (Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.)  41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358 47. paganus Cand. 60–358 48. pertinax (Say) 39–185 49. dubius (Lec.) 53–479 50. tenax (Say) 39–185                                                                                                                | Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. O Pa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla. Neb. So.Cal.Ariz.  Mass.Ga.Ind. N.Y.Fla.Ct. M.&So.St.Ind. Conn. E.U.S.Ind.                                  |
| (Cratonychus Melsh. 44–18 (Perimecus Kby. 37–63) 9015. castanipes (Payk.) 00–23 inæqualis (Lec.) 53–476 scrobicollis (Lec.) 53–476  16. corticinus (Say) 23–174 17. longulus (Lec.) 53–473 18. macer (Lec.) 53–473 19. decumanus (Er.) 42–104 cuneatus (Lec.) 53–473 incertus (Lec.) 53–474 20. canadensis Cand. 60–342 21. despectus Cand. 60–342 22. clandestinus (Er.) 42–112 23. secretus (Lec.) 53–474 24. blatchleyi Leng 18–205 longicornis    Blatch. 10–74 25. ignobilis (Melsh.) 46–152 26. depressus (Melsh.) 46–152 27. prasinus Blatch. 10–752 28. angustatus (Er.) 42–113 testaceus (Melsh.) 46–152 29. trapezoideus (Lec.) 53–475 30. tænicollis (Lec.) 53–475 31. leonardi (Lec.) 53–475 32. texanus Cand. 60–351 33. glandicolor Melsh. 46–152 | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.  46 Ind. Pa. Ind. | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis(Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.)  41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358 47. paganus Cand. 60–358 48. pertinax (Say) 39–185 49. dubius (Lec.) 53–479 50. tenax (Say) 39–185  51. americanus (Hbst.) 06–74 52. cribriventris Blatch. 10–742 53. insipiens (Say) 39–184 tenellus (Er.) 42–114 | [Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla. Neb. So.Cal.Ariz.  Mass.Ga.Ind. N.Y.Fla.Ct. M.&So.St.Ind. Conn. E.U.S.Ind. Ind. [Conn. So.St.Fla. Ga. Fla. |
| (Cratonychus Lac. 35-631) (Ctenonychus Melsh. 44-18 (Perimecus Kby. 37-63) 9015. castanipes (Payk.) 00-23 inæqualis (Lec.) 53-476 scrobicollis (Lec.) 53-476  16. corticinus (Say) 23-174 17. longulus (Lec.) 53-473 18. macer (Lec.) 53-473 19. decumanus (Er.) 42-104 cuneatus (Lec.) 53-473 incertus (Lec.) 53-474 20. canadensis Cand. 60-342 21. despectus Cand. 60-342 22. clandestinus (Er.) 42-112 23. secretus (Lec.) 53-474 24. blatchleyi Leng 18-205 longicornis    Blatch. 10-74 25. ignobilis (Melsh.) 46-152 26. depressus (Melsh.) 46-152 27. prasinus Blatch. 10-752 28. angustatus (Er.) 42-113 testaceus (Melsh.) 46-152 29. trapezoideus (Lec.) 53-475 30. tænicollis (Lec.) 53-475 31. leonardi (Lec.) 53-475 32. texanus Cand. 60-351     | Eur.& N. Am. Sib. Ind. Nfld. Vt.L.Sup.Can. Pa. Ohio. N.Y.No.& M. St. Mich. Ga. Ind. So. Cal. Ariz.?N.Y. Ga. Ind. Md.Ind.Ct. Ga. Mo. Can. Ind. Ga. M. & S. St. Ga.  46 Ind. Pa. Ind. | 9035. communis (Gyll.) 17–138 cinereus (Weber) 01–77 simplex Germ. 24–42 spadix (Er.) 42–103 36. fissilis (Say) 39–183  cinereus (Weber) 01–77 brevicollis Hbst. 06–162 laticollis (Er.) 42–102 ochraceipennis (Melsh.) 46- bicolor Melsh. olim. sphenoidalis(Melsh.) 46–150 37. exuberans (Lec.) 53–477 38. lixus Blatch. 10–754 39. debilis Blatch. 10–754 40. parumpunctatus (Melsh.)  41. effectus Cand. 60–355 42. verberans (Lec.) 53–478 43. emissus (Lec.) 53–478 44. infaustus (Lec.) 53–478 45. cribulosus (Lec.) 53–478 46. cribricollis Cand. 60–358 47. paganus Cand. 60–358 48. pertinax (Say) 39–185 49. dubius (Lec.) 53–479 50. tenax (Say) 39–185  51. americanus (Hbst.) 06–74 52. cribriventris Blatch. 10–745 53. insipiens (Say) 39–184                       | Ind.La.Fla.  M. & So.St. Ind.So.Cal. [Fla. Ariz.  -150 [Pa. 0 Pa. N. Mex. Ind. Ind. 46-151 Pa.Ind.Fla. O. [Conn. Md.Ind.Conn. Ga. Ga. Fla. Neb. So.Cal.Ariz.  Mass.Ga.Ind. N.Y.Fla.Ct. M.&So.St.Ind. Conn. E.U.S.Ind. Ind. [Conn. So.St.Fla.           |

Elateridæ 175

| Melanotus Esch.               |               | Melanotus Esch.              |        |
|-------------------------------|---------------|------------------------------|--------|
| 9056. variolatus Lec. 61–377  | Cal. So. Cal. | 9062. carinus Blatch. 10–752 | Ind.   |
| 57. oregonensis (Lec.) 53–480 | Or.           | 63. paradoxus Melsh. 46–152  | Pa.    |
| 58. morosus Cand. 60–346      | Ga.           | 64. abdominalis (Er.) 42–104 | N. Am. |
| longulus (Lec.) 53–480        | Ga.           | 65. vetulus (Er.) 42–104     | N. Am. |
| 59. sagittarius (Lec.) 53–480 | M.St.Ind.Ct.  | 66. similis (Kby.) 37–149    | Can.   |
| 60. difficilis Blatch. 10–751 | Ind.          | 67. peninsularis Cand. 89-46 | Fla.   |
| 61. nilosus Blatch 10-751     | Ind.          |                              |        |

### CARDIOPHORINÆ

### Blanchard 89

|              | ostethus Woll. 54–238<br>?americanus Horn 71–303                                                                                | La.                              | Cardiophorus Esch.<br>9094. pubescens Bl. 89–22<br>95. carbonatus Bl. 89–23                                                          | Colo. Wy. N. Cal. [Mex.                                          |
|--------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| 9069.<br>70. | amplicollis Mots. 59–34<br>amplicollis Mots. 59–385<br>fenestratus Lec. 59–86<br>lorquini Cand. 60–167<br>cardisce (Say) 39–169 | Cal. So. Cal. CalNeb. M.St. Ind. | 96. obscurus Lec. 53–498<br>97. æneus Horn 71–301<br>98. robustus Lec. 53–495<br>laevicollis‡ Lec. 53–499<br>99. seniculus Bl. 89–25 | So. Cal. Ariz. Cal. So.Cal. M.St. Mass N. Y. [Tex. Cal. So. Cal. |
|              | convexus‡ Er. 40–289                                                                                                            | Mass.Fla.Neb.                    | 9100. dispar Bl. 89–25 — californicus Mann. 43–238                                                                                   | Cal.                                                             |
| 72.          | dejeani Lec. 53–497 o bifasciatus Bl. 89–8                                                                                      | Ga. Fla.<br>Cal.                 | — filius Rand. 38–14                                                                                                                 | Me.                                                              |
|              | coxalis Bl. 89–9                                                                                                                | Or.                              | Aptopus Esch. 29–32                                                                                                                  |                                                                  |
| 74.          | stigmaticus Cand. 69–122<br>signatus    Cand. 65–40                                                                             | Cal.                             | 9101. peregrinus Horn 84–44<br>02. subcarinatus Schfr. 16–256                                                                        | Tex.<br>Ariz.                                                    |
|              | pullus Bl. 89–10                                                                                                                | Colo.                            | 03. rugiceps Schfr. 16–257                                                                                                           | Ariz.                                                            |
|              | gemmifer Bl. 89–11<br>tumidicollis Lec. 53–498                                                                                  | So.Cal. Nev.<br>Cal. Or. Nev.    | Horistonotus Cand. 60–243                                                                                                            |                                                                  |
|              | tumqueoms Lee. 55–450                                                                                                           | Wash.                            | 9104. vulneratus Horn 85–35                                                                                                          | Ariz.                                                            |
| 78.          | luridipes Cand. 60–167                                                                                                          | Cal. So. Cal.                    | 05. pullatus Horn 85–35                                                                                                              | Ariz.                                                            |
| 79.          | abbreviatus Bl. 89–13                                                                                                           | Cal.                             | *                                                                                                                                    |                                                                  |
|              | *                                                                                                                               | ~ ~                              | 06. densus Lec. 63–83                                                                                                                | Cal.                                                             |
| 80.          | erythropus Er. 40–293                                                                                                           | S. C.                            | 07. inanus Lec. 53–499                                                                                                               | So. Cal.                                                         |
| Q1           | saturninus Lec. 53–497                                                                                                          | S. C.<br>Fla.                    | 08. basalis Horn 85–36                                                                                                               | So. Cal.                                                         |
|              | angustatus Bl. 89–14<br>convexus (Say) 23–169                                                                                   | M.& S.St. Ind.                   | 09. transfugus (Lec.) 53–500<br>10. definitus Horn 71–302                                                                            | Cal.                                                             |
| 02.          | convenue (eas) 20 100                                                                                                           | Ct.                              | 11. sufflatus (Lec.) 53–499                                                                                                          | So. Cal.                                                         |
|              | amictus Melsh. 46–158                                                                                                           | CanFla                           | 12. simplex Lec. 66–83                                                                                                               | So. Cal. Ariz.                                                   |
|              | erythropus‡ Lec. 53–497                                                                                                         | [Kan.                            | 13. flavidus Fall 01–240                                                                                                             | So. Cal.                                                         |
| 83           | ?insulsus Cand. 60–169                                                                                                          | Fla.                             | 14. curiatus (Say) 39–173                                                                                                            | Tex. M.S.St. [Ind.                                               |
|              | floridæ Cand. 68–41<br>longior Lec. 61–347                                                                                      | Colo. Mont.                      | areolatus (Er.) 40–320<br>15. gracilis Horn 85–39                                                                                    | Nev. Ariz.                                                       |
| 01.          | longulus Lec. 69–377 err. t                                                                                                     |                                  | **                                                                                                                                   |                                                                  |
|              | arizonicus Fall 05–270                                                                                                          | Ariz.                            | 16. exoletus (Er.) 40–325                                                                                                            | TexSo.Am.                                                        |
|              | nevadensis Bl. 89–17                                                                                                            | Nev.                             | 17. uhleri Horn 71–302                                                                                                               | Ga. Fla.                                                         |
| 87.          | gagates Er. 42–297<br>lævicollis Er. 42–300                                                                                     | Ind. N.SFla.<br>S. C.            | 18. mitis Horn 85–50                                                                                                                 | Utah.                                                            |
| 88.          | togatus Horn 71–301                                                                                                             | Tex.                             | Esthesopus Esch. 29–32                                                                                                               |                                                                  |
|              | edwardsi Horn 71–301                                                                                                            | Cal. Nev. So.                    | 9119. praeditus Horn 84–42                                                                                                           | Tex. Tenn.                                                       |
|              | mimeticus Horn 72–147                                                                                                           | [Cal.                            | 20. parcus Horn 84–42                                                                                                                | Ariz.                                                            |
|              | latiusculus Esch. 29–34                                                                                                         | So.CalVanc.                      | hepaticus‡ auct.                                                                                                                     | A * 700 CI                                                       |
| 91.          | tenebrosus Lec. 53–498                                                                                                          | W.St. Cal.<br>NebVanc.           | 21. dispersus Horn 84–42 humilis‡ auct.                                                                                              | Ariz. Tex. So. [Cal.                                             |
| a.           | fulvipes Lec. 59–73 Q                                                                                                           | [So.Cal.                         | 22. pusio Horn 84-43                                                                                                                 | Fla.                                                             |
| 0.9          | montanus Bland 64–67                                                                                                            | Colo.<br>Can. Me. O.             | 23. bicolor Horn 74–22                                                                                                               | Fla. VaInd.                                                      |
|              | convexulus Lec. 53–498                                                                                                          | N. H. Mass.                      | 24. claricollis (Say) 36–169                                                                                                         | Tex. Ind.                                                        |
| 93.          | crinitus Bl. 89–21                                                                                                              | Cal.                             | — ?pædicus Cand. 60–277                                                                                                              | W.I. (U.S.?)                                                     |

Melasis Oliv. 95-30

# $\mathbf{MELASID}\boldsymbol{\pounds} \quad (\mathit{Eucnemid}\boldsymbol{\alpha})$

Mann. 23; Leconte 53; Horn 86; Bonvouloir 70

### EUCNEMINÆ

Isorhipis Lac.

### MELASINI

| 9125. pectinicornis Melsh. 46–14                                                                                                                                                                              | 48 PaTex. Ind.<br>Fla. Conn.                                   | obliqua (Say) 39–187                                                                                                                                                                                                 | Ind. O. N.Y.<br>N. H.                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 26. rufipennis Horn 86-7                                                                                                                                                                                      | NevWash.                                                       | 9128. nubila Bonv. 70–108                                                                                                                                                                                            | No. Ga.                                                             |
| Isorhipis Lac. 57-622<br>( Tharops    Cast. 35-168)<br>9127. ruficornis (Say) 23-166                                                                                                                          | Ark. CanMo.<br>Ind.                                            |                                                                                                                                                                                                                      |                                                                     |
|                                                                                                                                                                                                               | Eucn                                                           | EMINI                                                                                                                                                                                                                |                                                                     |
| Dendrocharis Guér. 43–193<br>· ( <i>Galba</i> ‡ Lec. 53–418)<br>9129. flavicornis Guér. 43–193                                                                                                                | Ga.? Fla.                                                      | Phænocerus Bonv. 70–285<br>9152. americanus Horn 72–147                                                                                                                                                              | Vanc.                                                               |
| <b>Stethon</b> Lec. 66–386<br>9130. pectorosus Lec. 66–386                                                                                                                                                    | O.Ill. Mo.Ind.                                                 | Adelothyreus Bonv. 70-609<br>9153. dejeani Bonv. 70-617                                                                                                                                                              | Md. O.                                                              |
| Poecilochrus Bonv. 70–148<br>9131. errans (Horn) 86–13                                                                                                                                                        | · Fla.                                                         | Microrhagus Esch. 36–4<br>9154. pectinatus Lec. 66–387<br>55. audax Horn 86–32<br>56. imperfectus Lec. 52–48                                                                                                         | Can. N. Y. Pa.<br>Pa. [Va. Ind.<br>N.Y.Mass,Md.                     |
| Eucnemis Ahrens 12–40<br>9132. americana Horn 86–14                                                                                                                                                           | Cal. Ky. O.                                                    | subsinuatus Lec. 52–48                                                                                                                                                                                               | Ind.<br>Ga. Can. N. S.<br>O. D.C. Va.                               |
| Deltometopus Bonv. 70–171 (Dirhagus‡ Melsh. 46–150 9133. amœnicornis (Say) 39–189 clypeatus (Say) 25–266 ♀ ereptus Bonv. 70–185 ?monilicornis (Mann.) 23- 34. rufipes (Melsh.) 46–150                         | Ind. N. Eng<br>Tex. Fla.<br>Pa. Tenn.<br>La.                   | triangularis    (Harris) 37-7 oblitus Bonv. 70-552 57. triangularis (Say) 23-170 58. impressicollis Bonv. 70-599 mucidus Bonv. 70-593 Q 59. bonvouloiri Horn 86-35 humeralis Bonv. 70-607 60. humeralis (Say) 39-189 | 72 Ill. CanGa. Ind. 9 Fla. La. Tex.  Pa. D.C. La. [Ind. CanMex. Pa. |
| Dromæolus Kies. 63–197 9135. californicus Bonv. 70–890 36. sejunctus Bonv. 70–266 37. salsus Bonv. 70–267 38. nitens Horn 86–19 39. basalis (Lec.) 66–387 40. hospitalis Bl. 04–187 41. striatus (Lec.) 52–47 | Cal. L. I. N. Y. La. Or. Wash. No. Cal. Nev. Cal. Ga. N. YFla. | meticulosus Bonv. 70-604  Entomophthalmus Bonv. 70-5  9161. rufiolus (Lec.) 66-387 pallens Bonv. 70-518  Xylobius Latr. 34-124  9162. cylindriformis Horn 71-341                                                     | Can. Ill. Tenn.                                                     |
| 42. harringtoni Horn 86–21<br>43. cylindricollis (Say) 39–188<br>44. marseuli Bonv. 70–268<br>45. pusillus Horn 86–23                                                                                         | N. YCan. O. Ill. CanGa. N. Y. [Ind. No. Ill. Tex.              | Hylochares Latr. 34-127<br>9163. nigricornis (Say) 23-165                                                                                                                                                            | Ohio, Ind.                                                          |
| Fornax Cast. 35–172<br>(Isarthrus Lec. 52–48)                                                                                                                                                                 |                                                                | Sarpedon Bonv. 70–774<br>9164. scabrosus Bonv. 70–774                                                                                                                                                                | Can. Tenn.<br>Neb. So. Cal.                                         |
| 9146. badius (Melsh.) 46–150<br>novitius (Bonv.) 70–270<br>47. calceatus (Say) 39–188 3                                                                                                                       | PaIll.La.Fla. Can. Mass.                                       | <b>Arrhipis</b> Bonv. 70–71<br>9165. lanieri (Guér.) 38–279                                                                                                                                                          | Cuba, Fla.                                                          |
| spretus (Lec.) 52–48<br>horni Bonv. 70–891 ♀<br>48. bicolor (Melsh.) 46–149<br>luridus Chev. 67–592<br>49. molestus Bonv. 70–376                                                                              | L. Sup. Can. Ky. Ind. Fla. M. St [Cuba. N. Am. Fla.            | Nematodes Latr. 25–248<br>(Emathion Cast. 35–171)<br>9166. atropos (Say) 39–187<br>67. penetrans (Lec.) 52–47                                                                                                        | Fla. CanLa.<br>Ind.<br>CanGa. Ind.                                  |
| 50. orchesides (Newn.) 38-384<br>bicolor‡ Lcc. 53-416<br>51. infelix Horn 86-27                                                                                                                               |                                                                | 68. punctatus Lec. 78-404 69. pavidus Horn 86-43 70. teres Horn 86-43 71. collaris Bonv. 70-663                                                                                                                      | Fla.<br>Tex.<br>Tex.<br>Ohio, Ind.                                  |

|                                                                                                                                                                                                                                                                                                                                                          | 177                                                                                                |                                                                                                                                                                                                                                                                     |                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Hypocœlus Esch. 36–4<br>9172. frontosus (Say) 39–187<br>canaliculatus (Lec.) 52–46<br>73. terminalis Lec. 66–387                                                                                                                                                                                                                                         | Can. Pa. Mo.<br>[Ind.<br>Can.                                                                      | Phlegon Cast. 35–254<br>(Euryptychus Lec. 52–46)<br>9176. heterocerus (Say) 39–186<br>77. ulkei Horn 86–47                                                                                                                                                          | Md. Pa. Ind.<br>Ohio.                                                                                     |
| Schizophilus Bonv. 70–708<br>9174. subrufus (Rand.) 38–38<br>simplex (Lec.) 66–388                                                                                                                                                                                                                                                                       | Can. N. Y. Ind.                                                                                    | Palæoxenus Horn 91-40<br>(Cryptostoma    Latr. 25-34<br>9178. dohrni Horn 78-54                                                                                                                                                                                     | .8<br>Mex.& So.Cal.                                                                                       |
| trilobatus Bony. 70–708  Epiphanis Esch. 29–10 9175. cornutus Esch. 29–35 cristatus Lec. 52–46                                                                                                                                                                                                                                                           | Nfld. Alas. Pa.<br>N.Y. [N. Mex.                                                                   | Anelastes Kby. 18–384<br>9179. druryi Kby. 18–384<br>brunneus (Latr.) 34–129<br>erosus (Say) 25–258<br>a. latreillei Lec. 52–47                                                                                                                                     | Vanc. Can. Ga.<br>[Fla.<br>Cal. Ariz.                                                                     |
|                                                                                                                                                                                                                                                                                                                                                          | PEROTE                                                                                             | HOPINÆ                                                                                                                                                                                                                                                              |                                                                                                           |
| Perothops Er. 41–116<br>9180. mucida (Gyll.) 17–113<br>muscidus (Say) 25–256<br>unicolor (Say) 25–256                                                                                                                                                                                                                                                    | PaFla.                                                                                             | Perothops Er. 9181. witticki Lec. 57–45 cervina Lacord. 57–129                                                                                                                                                                                                      | Cal. So. Cal.<br>Cal.                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                          | THROSCIDA                                                                                          | Æ (Trixagidæ?)                                                                                                                                                                                                                                                      |                                                                                                           |
| Box                                                                                                                                                                                                                                                                                                                                                      | nvouloir 59; Hori                                                                                  | n 85; Blanchard 17                                                                                                                                                                                                                                                  |                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                          | Lisso                                                                                              | DMINI                                                                                                                                                                                                                                                               |                                                                                                           |
| Drapetes Dej. 21–34 9182. geminatus Say 25–265 basalis Rand. 38–9 exstriatus Say 39–177 a. nitidus Melsh. 46–149                                                                                                                                                                                                                                         | CanTex.Fla.                                                                                        | <b>Drapetes</b> Dej.  9184. rubricollis Lec. 66–82  85. quadripustulatus Bonv. 59                                                                                                                                                                                   | WisFla.                                                                                                   |
| 83. niger Bonv. 59–78                                                                                                                                                                                                                                                                                                                                    | MexTex.                                                                                            | 86. ecarinatus Schfr. 16–62                                                                                                                                                                                                                                         | L. Cal.                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                          | THRO                                                                                               | SCINI                                                                                                                                                                                                                                                               |                                                                                                           |
| Pactopus Lec. 69–63<br>9187. horni Lec. 67–64<br>fuchsi Csy. 93–585                                                                                                                                                                                                                                                                                      | NevVanc.<br>Cal. [So.Cal.                                                                          | Aulonothroscus Horn<br>9200. convergens Horn 85-202<br>01. nodifrons Bl. 17-20                                                                                                                                                                                      | N.Y.Fla.La.<br>Tex.                                                                                       |
| Aulonothroscus Horn 90–208 9188. parallelus Bl. 17–11 89. teretrius Bl. 17–12 90. schwarzi Bl. 17–12 91. punctatus Bonv. 59–15 invisus Horn 85–201 Q 92. validus Lec. 68–63 93. laticeps Bl. 17–15 94. calocerus Bonv. 60–354 95. constrictor Say 39–190 96. rugosiceps Schfr. 16–63 97. detritus Bl. 17–18 98. distans Bl. 17–19 99. pugnax Horn 85–202 | Va. Mich.N.C. Fla. Tex. Mass.Ia.Fla. N. Y. NevVanc. Mich. Va. N.H.Fla.Ark. Tex. Tex. MassN.C. Fla. | Throscus Latr. 07–36 ?(Trixagus¹ Kug. 94–534) 9202. horni Bl. 17–22 alienus‡ Horn 85–202 03. carinicollis Schfr. 16–63 04. chevrolati Bonv. 59–21  parvulus Lec. 63–44 sejunctus Horn 85–204 05. mendax Horn 85–203  06. sericeus Lec. 68–63 a. debilis Horn 85–205 | Gulf St.  N.H.Ala.B.C. Mich.No.Ill. Fla. Tex.Ariz.Cal. Cal. So. Cal. No.Cal.Or. Wash. ColoSo.Cal. OrVanc. |
|                                                                                                                                                                                                                                                                                                                                                          |                                                                                                    |                                                                                                                                                                                                                                                                     |                                                                                                           |

### BUPRESTIDÆ 2

Leconte 59; Crotch 73; Horn 78, 82, 86, 91; Fall 99; Kerremans 02, 06; Casey 09

### Polycestini

| Chrysophana Lec. 59–219    |            | Polycesta Sol.               |             |
|----------------------------|------------|------------------------------|-------------|
| 9207. placida (Lec.) 54–17 | So.Cal.Or. | obtusa Lec. 58–68            | Pa.         |
| • • •                      | Ariz.      | 9209. californica Lec. 57–45 | Cal.So.Cal. |
| Polycesta Sol. 32–281      |            | cavata Lec. 58-68            | Ala.        |
| 9208. angulosa Duv. 57-62  | Fla. Ala.  | 10. elata Lec. 58–68         | Tex.        |
| 920c. anguiosa Duv. 97-02  | ria. Ala.  | 10. Clata Lec. 35-05         | rex.        |

<sup>&</sup>lt;sup>1</sup> See also p. 189 where this name is cited as synonym of Byturus.

<sup>&</sup>lt;sup>2</sup> Prepared with the assistance of Messrs. Alan Sloan Nicolay and Willard J. Chamberlin, though the synonymy results in part from my own studies.

| Polycesta Sol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            | Acmæodera Esch.                                                |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------|----------------------------|
| 9211. velasco Cast. 38–5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | So.Cal.Ariz.               | 9257. laticollis Kerr. 02–28                                   | U. S.                      |
| 12. arizonica Schffr. 06–21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ariz. [Tex.                | 58. vandykei Fall 99–23                                        | So.Cal.Utalı.              |
| Acmæodera Esch. 29-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                            | 59. prorsa Fall 99–23<br>60. dohrni Horn 78–15                 | So.Cal.[Wash. Cal. So.Cal. |
| (Ptychomus Mars. 65–322)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            | 61. mariposa Horn 78–22                                        | So. Cal.                   |
| 9213. alacris Horn 78–25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | So. Cal.                   | 62. dolorosa Fall 99–25                                        | So. Cal.                   |
| 14. comata Lec. 58–70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | So. Cal.                   | 63. postica Fall 99–25                                         | So. Cal.                   |
| 15. cuprina Spin. 38–367<br>hirtula Gory 40–29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tex. Mex.                  | 64. daggetti Fall 99–26<br>65. horni Fall 99–25                | Ariz.<br>Ariz.             |
| 16. flavomarginata Gray 31–3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 58                         | 66. scalaris Mann. 37–25                                       | TexAriz.                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TexCal.So.                 | mima Gory 40–29                                                |                            |
| contigua Kerr. 97–42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | [Cal.                      | semivittata Lec. 58–69                                         | Tex.                       |
| proxima Waterh. 89–178<br>17. scapularis Horn 94–369                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cal.                       | 67. decipiens Lec. 66–383<br>68. obtusa Horn 78–19             | Ariz. N. Mex.<br>Tex.      |
| 18. griffithi Fall 99–36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ariz.                      | 69. distincta Kerr. 02–29                                      | Colo.                      |
| 19. gibbula Lec. 58–69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz. N.Mex                | 70. alicia Fall 99–29                                          | So.Cal. Ariz.              |
| delumbis Horn 94–378                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | So. Cal.                   | 71. lucia Fall 01–307                                          | Colo. Cal.                 |
| 20. cubæcola Duv. 57–57<br>pulcherrima‡ auct. nec Du                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fla. Cuba                  | 72. pulchella (Hbst.) 01–211                                   | Ariz.<br>Ind. PaFla.       |
| parenerima, trace. Not De                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cuba.                      | ornata    (Oliv.) 90–50                                        | [Cal.                      |
| 21. maculifera Horn 94–372                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TexAriz.                   | volvulus Cast. 35–7                                            |                            |
| 22. macra Horn 78–8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tex. Ariz.                 | flavosignata Gory 40–30                                        | To- N.Mo-                  |
| 23. falli Kerr. 02–34<br>subcyanea    Fall 99–8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ariz.                      | mixta Lec. 60–222<br>arizonæ Horn 78–19                        | Tex. N.Mex.<br>Ariz. [Kan. |
| 24. amplicollis Lec. 66–383                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ariz. N.Mex.               | immaculata Horn 78–19                                          | miz. [Ran.                 |
| 25. disjuncta Fall 99–9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ariz.                      | 73. consors Horn 78–20                                         | Tex.                       |
| 26. opacula Lec. 58–69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tex. Ariz.                 | 74. texana Lec. 59–228                                         | Tex.                       |
| 27. amabilis Horn 78–7<br>28. convicta Fall 99–11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N.Mex. Ariz.<br>Ariz.      | 75. subbaltcata Lec. 63–82<br>76. opinabilis Fall 99–30        | L.Cal. N.Mex.<br>L. Cal.   |
| 29. robusta Horn 78–9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | So. Cal.                   | 77. stigmata Horn 94–370                                       | Ariz. L.Cal.               |
| a. rubrosuffusa Fall 07–240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | So. Cal.                   | 78. faceta Fall 07–241                                         | L. Cal.                    |
| 30. clausa Horn 94–374                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | L. Cal.                    | 79. bivulnera Horn 94–371                                      | Ariz. L.Cal.               |
| 31. fenyesi Fall 99–12<br>32. lanata Horn 80–148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | So. Cal.<br>Ut.Cal.So.Cal. | 80. guttifera Lec. 59–72                                       | Tex. So.Cal.<br>Ariz.      |
| 33. pubiventris Horn 78–9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | So. Cal.                   | versuta Horn 78–21 ♂                                           | Cal. So.Cal.               |
| 34. recticollis Fall 99–13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N.Mex.Ariz.                | 81. cribricollis Horn 94–375                                   | Tex.                       |
| 35. coquilletti Fall 99–15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | So. Cal.                   | 82. larreæ Fall 07–241                                         | Cal.                       |
| 36. plagiaticauda Horn 78–10<br>37. jocosa Fall 99–14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | So. Cal.<br>So. Cal.       | 83. quadrivittata Horn 70–79<br>84. biedermanni Skinner 03–239 | TexSo.Cal. Ariz. [Ariz.    |
| 38. iniliaris Horn 78–10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tex. Ariz.                 | 85. conoidea Fall 99–31                                        | Ariz.                      |
| 39. sparsa Horn 78–11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ColoCal.                   | 86. tubulus (Fab.) 01–200                                      | Ind. E.U.S                 |
| 40. angelica Fall 99–16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cal.                       |                                                                | Tex. Atl.St.               |
| 41. serena Fall 99–16<br>42. tuta Horn 78–11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ariz.<br>Ut.Cal.So.Cal.    | culta (Web.) 01-75                                             | Fla.                       |
| 43. hepburni Lec. 59–254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cal.So.Cal.                | geranii (Harris) 29-8                                          |                            |
| a. latiflava Fall 07–240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | So. Cal.                   | quatuordecimguttata Cast.                                      | 35-12                      |
| 44. quadriseriata Fall 99–18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | So. Cal.                   | 87. neglecta Fall 99–31                                        | Tex. Ariz.                 |
| 45. hæmorrhoa Lec. 58–68<br>stellaris    Spin. 38–364                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tex.                       | 88. gemina Horn 78–23<br>nebulosa Horn 94–376                  | So. Cal.                   |
| 46. rubronotata Cast. 35–5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tex.                       | 89. insignis Horn 94–377                                       | L. Cal.                    |
| stellaris Chev. 35–189                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Mex.                       | 90. rubescens Schffr. 04–210                                   | L. Cal.                    |
| 47. ornata (Fab.) 74–220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PaFlaNev.                  | — obesa Kerr. 09–271                                           | Tex.                       |
| dispar Gory 40–31<br>48. morbosa Fall 99–20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | [Ariz.?Ind.<br>So. Cal.    | — pallidula Kerr. 09–269                                       | Cal.                       |
| 49. flavosticta Horn 78–15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | So. Cal.                   | Ptosima Sol. 33–277                                            |                            |
| 50. cuncata Fall 99–21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz. Utah.                | 9291. gibbicollis (Say) 23–161                                 | Pa. IllInd.                |
| 51. labyrinthica Fall 99–21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | UtCal.So.                  |                                                                | Ala. O. Mo.                |
| 52. bishopiana Fall 07–240<br>53. bowditchi Fall 01–307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | So. Cal. [Cal. Ariz. Cal.  | 92. walshi Lec. 63–81                                          | Ill. So.Cal.               |
| 54. acuta Lec. 59–224                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | So.Cal.Ariz.               | Tyndaris Thom. 57-168                                          |                            |
| retifera Lec. 58–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cal. [Utah.                | 9293. cineta Horn 85–147                                       | Tex.                       |
| 55. connexa Lec. 58–71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz.So.Cal.               | 94. olneyæ Skinner 03–236                                      | Ariz.                      |
| 56. variegata Lec. 52-67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Nev. Or.<br>N.Mex.Tex.     | 95. prosopis Skinner 03–237<br>96. barberi Skinner 03–238      | Tex.<br>Ariz.              |
| To the factor of | ColoOr. So.                | 97. chamælconis Skinner 03–237                                 |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lab.                       |                                                                | Tex.                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Schizo                     | PINI                                                           |                            |

### Schizopini

Glyptoscelimorpha Horn 93-137 9298. marmorata Horn 93-137 Cal. So.Cal. **Dystaxia** Lcc. 66–385 9299. murrayi Lcc. 66–385 lecontei Thom. 78–6

Cal. So.Cal.

Schizopus Lec. 58-70

Dystaxia Lec.

Ampheremus Fall 17–68 9328. cylindricollis Fall 17–69

Cal.

| Trincopyge Lec. 58-17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9300. elegans Fall 05–71                              | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 9301. sallei Horn 85–145<br>02. lætus Lec. 58–70 | Cal.<br>Cal. So.Cal.<br>Ariz. |
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| Thrincopyge Lee. 58-17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       | THRINCO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PVGINI                                           | AllZ.                         |
| Tex. Ariz.N.   9304. ambiéns (Lec.) 54–83   Tex. Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Thringspace I on 50 17                                | 111111100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                               |
| Agrocera Waterh. 82-4   (Analaxis Cay. 09-170)   (Heigheigt Horn nec Lap.)   9306. (Heigheigt Horn nec Lap.)   9306. (Heigheigt Horn nec Lap.)   9306. (Heigheigt Horn nec Lap.)   9307. (Heigheigt Horn nec Lap.)   9307. (Heigheigt Horn nec Lap.)   9308. (Heigheigt Horn nec Lap.)   9308. (Heigheigt Horn nec Lap.)   9307. (Heigheigt Horn nec Lap.)   9308. (Heigheigt Horn nec Lap.)   9308. (Heigheigt Horn nec Lap.)   9308. (Heigheigt Horn nec Lap.)   9309. (Heigheigt Horn nec Lap.)   9308. (Heigheigt Horn nec Lap.)   9309. (Heigh Horn nec Lap.)   |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9304. ambiens (Lec.) 54–83                       |                               |
| (Anataxis Csy. 09-170) (Blaeicat Horn nec Lap.) 9306. gentilis (Horn) 78-144  Tex.  Hippomelas Cast. 37-92 (Gyascutus Lec. 59-189) (Stietocera Csy. 09-60) 9307. sphenica (Lec.) 54-83 grosus Csy. 09-57 robustus Csy. 09-57 robustus Csy. 09-57 robustus Csy. 09-57 serulatus Csy. 09-57 pollens Csy. 09-57 laticornic Csy. 09-68 00. caelata (Lec.) 58-67 sonowi Csy. 09-70 laticornis Csy. 09-70 laticornis Csy. 09-62 cribriceps Csy. 09-63 acutangulus Csy. 09-63 acutangulus Csy. 09-63 acutangulus Csy. 09-64 cgrigus Csy. 09-64 li jumiperia Wickh. 05-167 12. obliterata (Lec.) 58-66 fidelis Csy. 09-67 13. carolinensis Horn 76-288 14. obesus Csy. 09-67 15. cuneata (Horn) 68-133 angusta Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-68 alanguata Csy. 09-69 robustus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-68 silicata (Lec.) 58-66 solidus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-68 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-68 compactus Csy. 09-69 robustus Csy. 09-67 compactus Csy. 09-68 compactus Csy. 09-69 robustus Csy. 09-69 robustus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-68 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-68 compactus Csy. 09-69 robustus Csy. 09-69 robustus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-67 compactus Csy. 09-68 robustus Csy. 09-69 robustus Csy. 09-69 robustus Csy. 09-69 robustus Csy. 09-69 robustus Csy. 09-67 robustus Csy. 09-68 robustus Csy. 09-68 robustus Csy. 09-69 robu |                                                       | Chalcon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PHORINI                                          |                               |
| (Haleciat   Horn nec Lap.)   Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | F                                                | 731                           |
| Second Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| Simpomelas Cast. 37-92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       | Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | •                             |
| Since   Sinc   | 00000 genome (22011) vo 211                           | 2011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |                               |
| Site   Section   |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ?mariana (L.) 58-660                             |                               |
| 9307. sphenica (Lec.) 54–83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| grossus Csy. 09-57 robustus Csy. 09-58 serrulatus Csy. 09-57 Serrulatus Csy. 09-58 cylindricus Csy. 09-58 So. Ariz.  09. cælata (Lec.) 58-67 pollens Csy. 09-70 laticornis Csy. 09-70 laticornis Csy. 09-63 curibriceps Csy. 09-63 acutangulus Csy. 09-63 acutangulus Csy. 09-63 amplus Csy. 09-63 amplus Csy. 09-64 cerreit Csy. 09-64 cerreit Csy. 09-65 libertat Cast. 36-13 pinalicus Csy. 09-63 amplus Csy. 09-64 cerreit Csy. 09-64 cerreit Csy. 09-65 libertat Csy. 09-82 cribriceps Csy. 09-63 acutangulus Csy. 09-63 amplus Csy. 09-64 cerreit Csy. 09-65 libertat Csy. 09-82 cribriceps Csy. 09-63 acutangulus Csy. 09-63 acutangulus Csy. 09-63 acutangulus Csy. 09-63 acutangulus Csy. 09-64 cerreit Csy. 09-64 cerreit Csy. 09-65 libertat Csy. 09-82 cylindricus Csy. 09-68 libertat Csy. 09-82 cylindricus Csy. 09-68 libertat Cast. 36-13 parviceps Csy. 09-82 libertat (Germ.) 24-38 borealis Cast. 36-13 parviceps Csy. 09-83 libertat (Germ.) 24-38 borealis Csy. 09-82 lutah cerreit Csy. 09-82 lutah parviceps Csy. 09-82 lutah parviceps Csy. 09-83 lutantat (Goy.) 09-86 lutah lutantat (Goy.) 09-86 lutantat (Goy.) 09-86 lutah lutantat (Goy.) 09-86 lutah lutantat (Goy.) 09-86 lutantat (Goy.) 09-86 lutah lutantat (Goy.) 09-86 lutantat (Goy.)  |                                                       | Tex. Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | melanotum Muttk 10–135                           | Wis Sup.                      |
| robustus Csy. 09-57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| 08. planicauda Csy. 09-58 cylindricus Csy. 09-58 cylindricus Csy. 09-58 cylindricus Csy. 09-58 cylindricus Csy. 09-60 cylindricus Csy. 09-70 Tex.  10. cealata (Lec.) 58-67 TexL.Cal. pollens Csy. 09-70 Tex.  11. planicosta (Lec.) 58-66 Tex. Ut. Ariz. snowi Csy. 09-62 Ariz. [So.Cal. cribriceps Csy. 09-63 Ariz. pistorius Csy. 09-63 Ariz. 2 pistorius Csy. 09-63 Ariz. 2 pistorius Csy. 09-63 Ariz. 2 pistorius Csy. 09-64 Utah. 2 cgregius Csy. 09-64 Utah. 2 cgregius Csy. 09-64 Utah. 2 cardinensis Horn 76-288 N. C. 14. obesus Csy. 09-66 S.E. Ariz. 2 compactus Csy. 09-66 S.E. Ariz. 2 compactus Csy. 09-66 S.E. Ariz. 2 colindrinus Csy. 09-67 S. E. Ariz. 2 cylindrinus Csy. 09-67 S. E. Ariz. 2 cylindrinus Csy. 09-67 S. E. Ariz. 2 chebilis Csy. 09-59 So. Cal. 2 cupreomaculata (Goeze) 77-596 M.E.S.St. virginicansis (Drury) 72-66 CanFla. Ind. cupreomaculata (Goeze) 77-596 M.E.S.St. virginicansis (Drury) 72-66 CanFla. Ind. cupreomaculata (Goeze) 77-596 M.E.S.St. virginicansis (Fitch 59-701 obscurata Fitch 59-702 Superofuse Csy. 09-172 Superofuse Csy. 09-173 Cal. 2 cupreofusea Csy. 09-172 Superofuse Csy. 09-173 Cal. 2 cupreofusea Csy. 09-172 Superofuse Csy. 09-173 Cal. 2 cupreofusea Csy. 09-173 Cal. 2 cupreofusea Csy. 09-174 Cal. 3 cupreofusea Csy. 09-175 Cal. 3 cupreofusea Csy. 09-172 Superofuse Csy. 09-173 Cal. 3 cupreofusea Csy. 09-174 Cal. 3 cupreofuse Csy. 09-175 Cal.        | robustus Csy. 09–57                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| Cylindricus Csy. 09-58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| December   Color   C   |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| pollens Csy. 09-70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       | the state of the s |                                                  |                               |
| 10. planicosta (\$\text{Lec}\$) 58-66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | pollens Csy. 09–70                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | . liberta‡ Cast. 36–11                           | [S.C. Fla.                    |
| Snowi Csy. 09-62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| cribriceps Csy. 09-62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20. fortis Lec. 59–191                           |                               |
| pistorius Csy. 09-63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | laurentica Csy. 09-82                            |                               |
| pimalieus Csy. 09-63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | pistorius Csy. 09–63                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | cupreola Csy. 14–360                             |                               |
| amplus Csy. 09-64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| aerata Csy. 09-64 egregius Csy. 09-64 Utah.  11. juniperina Wickh. 05-167 Utah. 12. obliterata (Lec.) 58-66 fidelis Csy. 09-65 G. E. Ariz. 31. carolinensis Horn 76-288 N. C. 14. obesus Csy. 09-66 TexAriz. aeneoviridis Csy. 09-66 compactus Csy. 09-66 compactus Csy. 09-66 Cylindrinus Csy. 09-66 Cylindrinus Csy. 09-67 Cylindrinus Csy. 09-67 Cylindrinus Csy. 09-67 Cylindrinus Csy. 09-67 S. E. Ariz. Cylindrinus Csy. 09-67 Cylindrinus Csy. 09-68 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-67 Cylindrinus Csy. 09-68 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-67 Cylindrinus Csy. 09-68 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-67 Cylindrinus Csy. 09-68 Cylindrinus Csy. 09-69 Cylindrinus Csy. 09-68 Cylindrinus Csy. 09-85 Cylindrinus Csy. 09-68 Cylindrinus Csy. 09-86 Cylindrinus Csy. 09-71 Cylindrinus C   |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| egregius Čsy. 09-64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | parviceps Csy. 09 00                             | 140. 14. 1. [50.              |
| 12. obliterata (Lec.) 58-66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | egregius Čsy. 09–64                                   | Utah.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |                               |
| S. E. Ariz.   bisinuata (Csy.) 09-86   Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | W)                            |
| 13. carolinensis Horn 76–288 N. C. 14. obesus Csy. 09–66 TexAriz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| 14. obesus Csy. 09-66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| compactus Csy. 09-66   S. E. Ariz.   langeri (Chev.) 53-308   La. Tex.   solidus Csy. 09-66   S. E. Ariz.   cylindrinus Csy. 09-67   N. Mex.   obsolescens Csy. 14-361   La.     debilis Csy. 09-67   S. E. Ariz.   tenuis Csy. 09-67   S. E. Ariz.     (Prasinalia Csy. 09-56   Tex.   tenuis Csy. 09-67   Tex.     (Prasinalia Csy. 09-59   Ariz.   angusta Csy. 09-59   Ariz.   metallica Csy. 09-59   So. Cal.     (Prasinalia Csy. 09-59   Ariz.   metallica Csy. 09-59   So. Cal.     (Spinthoptera Csy. 09-71)   Tex.     (Spinthoptera Csy. 09-73   Tex.     (Chalcophora Sol. 33-278   Tex.     (Chalcophora So   |                                                       | TexAriz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  | Ind.                          |
| solidus Csy. 09-66 S. E. Ariz. cylindrinus Csy. 09-67 N. Mex. debilis Csy. 09-67 S. E. Ariz. tenuis Csy. 09-67 S. E. Ariz. tenuis Csy. 09-67 S. E. Ariz. (Prasinalia Csy. 09-56) (Spinthoptera Sol. 33-283 (Lampetis Spin. 36-115) (Spinthoptera Csy. 09-71) (Spinthoptera Csy. 09-73) |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| Cylindrinus Csy. 09-67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| debilis Csy. 09-67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | _                             |
| (Prasinalia Csy. 09–56)  (Prasinalia Csy. 09–56)  15. cuneata (Horn) 68–133                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       | S. E. Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |                               |
| (Prasinalia Csy. 09–56)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | tenuis Csy. 09–67                                     | S. E. Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |                               |
| 15. cuneata (Horn) 68–133                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (Prasinalia Csy. 09–56)                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | •                             |
| metallica Csy. 09–59 So. Cal.  Chalcophora Sol. 33–278 convexa    (Csy.) 09–73 Tex.  9316. virginicnsis (Drury) 72–66 CanFla. Ind. cupreomaculata (Goeze) 77–596 arizonica (Csy.) 09–74 Ariz. [Ariz. M.E.S.St. virginiaca (Gmel.) 88–1940 parva (Csy.) 09–73 Tex.  novæboracensis Fitch 59–701 parva (Csy.) 09–73 Tex.  BUPRESTINI  Nanularia Csy. 09–172 Trachykele Mars. 65–149  9326. cupreofusca Csy. 09–173 Cal. 27. ?californica (Horn) 75–147 Cal.So.Cal.  So. Cal. caseyi Kerr. 10–126 convexa    (Csy.) 09–73 Tex.  a. webbi Lec. 58–66 Mex.So.Tex. arizonica (Csy.) 09–74 Ariz. [Ariz. b. woodhousei (Lec.) 52–68 Tex. Kan. parva (Csy.) 09–73 Tex. 25. cupreopunctata Schffr. 05–147 Tex.  25. cupreopunctata Schffr. 05–147 Tex.  30. blondcli Mars. 65–149  9329. opulenta Fall 06–162 Cal. Wash. N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15. cuneata (Horn) 68–133                             | ArizCal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9324. drummondi Cast. 36–37                      | Tex.                          |
| Convexa     (Csy.) 09-73   Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| Chalcophora Sol. 33–278         ocularis (Csy.) 69–73         W. Tex.           9316. virginiensis (Drury) 72–66 CanFla. Ind. cupreomaculata (Goeze) 77–596         a. webbi Lec. 58–66         Mex.So.Tex.           M.E.S.St.         M.E.S.St.         b. woodhousei (Lec.) 52–68         Tex. Kan.           virginiaca (Gmel.) 88–1940         parva (Csy.) 09–73         Tex.           novæboracensis Fitch 59–701         25. cupreopunctata Schffr. 05–147         Tex.           Obscurata Fitch 59–702         Trachykele Mars. 65–149         Tex.           9326. cupreofusca Csy. 09–173         Cal.         9329. opulenta Fall 06–162         Cal. Wash.           27. ?californica (Horn) 75–147 Cal.So.Cal.         30. blondcli Mars. 65–150         N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | metallica Csy. 09-59                                  | So. Cai.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  | Tev                           |
| 9316. virginiensis (Drury) 72–66 CanFla. Ind. cupreomaculata (Goeze) 77–596 m.E.S.St. M.E.S.St. virginiaca (Gmel.) 88–1940 movæboracensis Fitch 59–701 physiciata Fitch 59–702 manularia Csy. 09–172 manularia Csy. 09–173 Cal. 27. ?californica (Horn) 75–147 Cal.So.Cal. arizonica (Csy.) 09–74 Ariz. [Ariz. Mex.So.Tex. Ariz   | Chalcophora Sol. 33-278                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| M.E.S.St. b. woodhousei (Lec.) 52–68 Tex. Kan. parva (Csy.) 09–73 Tex. novæboracensis Fitch 59–701 25. cupreopunctata Schffr. 05–147 Tex.  Buprestini  Nanularia Csy. 09–172 Trachykele Mars. 65–149 9326. cupreofusca Csy. 09–173 Cal. 9329. opulenta Fall 06–162 Cal. Wash. 27. ?californica (Horn) 75–147 Cal.So.Cal. 30. blondcli Mars. 65–150 N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9316. virginiensis (Drury) 72–66                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | a. webbi Lec. 58–66                              |                               |
| virginiaca (Gmel.) 88–1940 parva (Csy.) 09–73 Tex. novæboracensis Fitch 59–701 25. cupreopunctata Schffr. 05–147 obscurata Fitch 59–702 Tex.  BUPRESTINI  Nanularia Csy. 09–172 Trachykele Mars. 65–149 9326. cupreofusca Csy. 09–173 Cal. 9329. opulcnta Fall 06–162 Cal. Wash. 27. ?californica (Horn) 75–147 Cal.So.Cal. 30. blondcli Mars. 65–150 N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | cupreomaculata (Goeze) 77                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| novæboracensis Fitch 59–701 obscurata Fitch 59–702  BUPRESTINI  Nanularia Csy. 09–172 9326. cupreofusca Csy. 09–173 Cal. 27. ?californica (Horn) 75–147 Cal.So.Cal.  28. cupreopunctata Schffr. 05–147 Tex.  Parchykele Mars. 65–149 9329. opulenta Fall 06–162 30. blondcli Mars. 65–150 N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | virginiaca (Gmel ) 88–1940                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
| Buprestini  Nanularia Csy. 09–172  9326. cupreofusca Csy. 09–173 Cal. 27. ?californica (Horn) 75–147 Cal.So.Cal.  Buprestini  Trachykele Mars. 65–149  9329. opulenta Fall 06–162  Cal. Wash. 30. blondcli Mars. 65–150  N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | novæboracensis Fitch 59–7                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 25. cupreopunctata Schffr. 05–2                  | 147                           |
| Nanularia Csy. 09-172       Trachykele Mars. 65-149         9326. cupreofusca Csy. 09-173       Cal.         27. ?californica (Horn) 75-147       Cal.So.Cal.         30. blondcli Mars. 65-150       N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | obscurata Fitch 59–702                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | Tex.                          |
| 9326. cupreofusca Csy. 09–173 Cal. 9329. opulenta Fall 06–162 Cal. Wash. 27. ?californica (Horn) 75–147 Cal.So.Cal. 30. blondcli Mars. 65–150 N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       | Bupri                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |                               |
| 27. ?californica (Horn) 75–147 Cal.So.Cal. 30. blondcli Mars. 65–150 N. Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       | Col                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  | Col. Wash                     |
| 31. nimbosa Fall 06–164 Cal. B. C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9326. cupreofusca Csy. 09–173                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 21. (camorinea (110111) 19-141                        | Canbo. Can                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 31. nimbosa Fall 06–164                          | Cal. B. C.                    |
| Ampheremus Fall 17–68 32. lecontei (Gory) 40–107 Ga. La.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ampheremus Fall 17-68 9328, evlindricollis Fall 17-69 | Col                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  | Ga. La.                       |

| Dicerca Esch. 29-9                                  |                             | Dicerca Esch.                                             |                             |
|-----------------------------------------------------|-----------------------------|-----------------------------------------------------------|-----------------------------|
| (Stenuris Kby. 37–154)                              |                             | gaudens Csy. 09–135                                       | Ill.                        |
| (Argante Gistl 34)                                  |                             | seriata Csy. 09–136                                       | Tex.                        |
| 9333. divaricata (Say) 23–13                        | Ky. Wis. N.Y.               | erosa Csy. 09–136                                         | Ia.                         |
|                                                     | Pa.Ind. Ill.                | 9343. lepida Lec. 57–7                                    | PaAla.                      |
| tenebrica (Kby.) 37–155                             | Br. Am.                     | pugionata‡ Cast. 39–99                                    |                             |
| dubia Melsh. 46–142                                 | M. St.                      | 44. spreta (Gory) 40–108                                  | Ind.S.E.U.S.                |
| aurichalcea Melsh. 46–142                           |                             | ?americana (Hbst.) 03–107                                 |                             |
| parumpunctata Melsh. 46                             | N. Y.                       | impressifrons Melsh. 46–14<br>45. tenebrosa (Kby.) 37–155 | L.Sup.N.E.                  |
| limula Csy. 09–144                                  | N. Y.                       | ie. telieblosa (1xby.) 51 166                             | U.S. Nfld. 65°              |
| incisa Csy. 09–144                                  | Ind.                        | distinguenda Cast. 37–100                                 |                             |
| æstiva Csy. 09–145                                  | Vt.                         | lugubris Lcc. 59–200                                      | Mich.                       |
| rustica Csy. 09–146                                 | N. H.                       | lacustris Lec. 59–202                                     | L. Sup.                     |
| subcuprea Csy. 09–146                               | Mich.Ind.N.Y                | morio Csy. 09–155                                         | L. Sup.                     |
| pertinax Csy. 09–147                                | N. H. [N. H.                | austera Csy. 09–157                                       | Mich.                       |
| sulcatula Csy. 09–147<br>vancouveri Csy. 09–147     | Colo.<br>Vanc.              | 46. chrysea Melsh. 46–143<br>bifoveata Lec. 59–202        | N.H.No.U.S.<br>L.Sup. [N.Y. |
| angusticauda Csy. 09-148                            |                             | acerba Csy. 09–158                                        | Ont.                        |
| subargentea Csy. 09–148                             | Wis.                        | mystica Csy. 09–159                                       | Mich.                       |
| severa Csy. 09–149                                  | Ont.                        | montana Csy. 09–159                                       | Mont.                       |
| 34. caudata Lec. 59–195                             | N.&W.St.N.                  | wickhami Csy. 09–160                                      | Wis.                        |
| 1                                                   | E.U.S.Ct.Pa.                | stolida Csy. 09–160                                       | Colo.                       |
| abrupta Csy. 09–139                                 | Mass. [Man.                 | 47. crassicollis Lec. 57–45                               | Or.CalWash.                 |
| inflatula Csy. 09–140<br>biangulata Csy. 09–140     | Mass.<br>N. H.              | californica Cr. 73–87                                     | So. Cal.<br>Wash.           |
| pisciformis Csy. 09–140                             | Mass.                       | hesperica Csy. 09–155<br>48. dumolini Cast. 37–98         | Vasn.                       |
| longicauda Csy. 09–141                              | Mass.                       | tuberculata‡ Chev. 38–65                                  | ν ω.                        |
| cupreola Csy. 09–141                                | Mass.                       | consobrina Melsh. 46–45                                   |                             |
| filiola Csy. 09–141                                 | Mass.                       | 49. tuberculata (Cast.) 37–99                             | N.Y. Me.                    |
| subæqualis Csy. 09–143                              | Pa.                         | asperata (Cast.) 37–105                                   | Ind.                        |
| nigra Csy. 09–143                                   | N. Y.                       | hilaris Lec. 59–200                                       | N.Y.                        |
| 35. prolongata Lec. 59–194                          | L.Sup.No.U.<br>S.Br.Am.Neb. | manca Lec. 59–201                                         | N.Y. Mich.                  |
|                                                     | Wis.                        | a. scobina Chev. 38–66<br>molitor Melsh. 46–144           | Mass. Ind.                  |
| longipennis Csy. 09–149                             | Br. Am.                     | 50. mutica Lec. 59–196                                    | † Long Is.                  |
| callosa Csy. 09–150                                 | N. Y.                       | 307 1140104 23007 30 200                                  | 1 2028 20                   |
| rigida Csy. 09–150                                  | L. Sup.                     | Poecilonota Esch. 29–9                                    |                             |
| tetrica Csy. 09–151                                 | Ont.                        | 9351. cyanipes (Say) 23–164                               | Ind.MoN.                    |
| 36. sexualis Cr. 73–87                              | Or. Wash.                   |                                                           | Mex. Ariz.                  |
| 37. punetulata (Schön.) 17–12                       | E.U.S.N.Y                   | parviceps Csy. 09–169<br>a. erecta (Gory) 40–110          | N.Mex.<br>Can.N.J.Wis.      |
|                                                     | Ga.                         | debilis Lec. 59–204                                       | Md.                         |
| transversa (Say) 25–219                             | Mass.Pa.D.C.                | cupripes Csy. 09–168                                      | Wis.                        |
| pinorum Csy. 09–154                                 | N. C.                       | 52. ferrea (Melsh.) 46–144                                | (?So.Cal.)Va.               |
| 38. pectorosa Lec. 57–145                           | Or.So.Cal.                  |                                                           | Ind.W.St.                   |
| 39. horni Cr. 73–86                                 | Cal.So.Cal.                 | 53. thureura (Say) 32–3                                   | Kan.Tex.La.                 |
| ampliata Csy. 09–153<br>40. pugionata (Germ.) 24–37 | Cal.<br>Pa.Md.N.E.          | costicollis (Gory) 40–109<br>54. bridwelli VanD. 18–53    | Cal.                        |
| 10. pagionata (Ocimi.) 24-31                        | U.S. Mass.                  | 91. Didwein vanD. 10-00                                   | Oai.                        |
| 41. obscura (Fab.) 81–274                           | Ind.E.U.S.                  | Cinyra Cast. 37–157                                       |                             |
| , ,                                                 | Va.N.C.Fla.                 | (Spectralia Csy. 09–175)                                  |                             |
|                                                     | Mass. Fla. Ct.              | 9355. gracilipes (Melsh.) 46–145                          | Ind. N.E.U.S.               |
| baltimorensis (Hbst.) 01–99                         | ) N. Y.                     | 70 11 ' · · · · · · · · · · · · · · · · ·                 | Pa. Wis.                    |
| consimilis Cast. 39–104<br>pruinosa Gory 40–109     |                             | 56. abbreviata Csy. 14–361                                | N.C. Ill.<br>Ill.           |
| indistincta Melsh. 46–143                           |                             | ?ocularis Csy. 14–362<br>57. prosternalis Schffr. 04–205  | Tex.                        |
| soror Lec. 59–197                                   | Pa.                         | 58. macilenta (Csy.) 09–176                               | Tex.                        |
| indurata Csy. 09–131                                | Tex.                        | 59. purpurascens Schffr. 05–12                            |                             |
| truncata Csy. 09–132                                | Wis.                        |                                                           | L. Cal.                     |
| gracilis Csy. 09–132                                | N. H.                       | Buprestis L. 60–408                                       |                             |
| porcatula Csy. 09–133                               | KanPa.                      | (Ancylocheira Esch. 29–9)                                 |                             |
| innocua Csy. 09–133<br>sagax Csy. 09–133            | Fla.<br>Ind.                | (Anoplis Kby. 37–151)<br>(Cypriacis Csy. 09–116)          |                             |
| floridæ Csy. 09–134                                 | Fla.                        | 9360. sulcicollis (Lec.) 59–208                           | L.Sup.N.S.                  |
| regularis Csy. 09–134                               | N. Y.                       |                                                           | Me. N.H.                    |
| 42. lurida (Fab.) 01–190                            | M.S.W.St.N.                 | lateralis Csy. 09–119                                     | L. Sup.                     |
| 1 4 2 00 107                                        | Y. Fla.Ind.                 | 61. aurulenta L. 67–661                                   | B.C.So.Cal.                 |
| levettei Csy. 09–135                                | Ind. Ill.                   |                                                           | Colo. Mont.                 |

| Bupr | estis L.                                            |                              | Buprestis L.                                                              |
|------|-----------------------------------------------------|------------------------------|---------------------------------------------------------------------------|
|      | lauta (Lec.) 54-17                                  | Or.Wash.Cal                  | conicicauda Csy. 09–93 Ariz.                                              |
|      | radians (Lcc.) 54–17                                | Br. Am.<br>Or.               | contorta Csy. 09–94 Wash.<br>diruptans Csy. 09–94 N.Mex.                  |
|      | villosa Lec. 73–331                                 | Cal.                         | gravidula Csy. 09–95 Cal.                                                 |
|      | æmula Csy. 09–121                                   | Colo.                        | torva Csy. 09–95 Wash.                                                    |
|      | tacomæ Csy. 09–121<br>nupta Csy. 09–121             | Wash.<br>Id.                 | bouldcrensis Csy. 09–96 Colo.<br>9374. rufipes (Oliv.) 90–16 Fla.Ind.Pa   |
|      | venusta Csy. 09–122                                 | Cal.                         | Tex. La.                                                                  |
|      | affinis Csy. 09–123                                 | Or.                          | virens Csy. 09–105 ♀ ?                                                    |
| a.   | adulans Csy. 09–123<br>prospera Csy. 09–122         | Or.<br>N. Mex.               | elongata Csy. 09–105 ?<br>75. viridisuturalis N.&W.18–100                 |
|      | adjecta (Lec.) 54–17                                | Or. Wash.                    | So. Cal. Or.                                                              |
|      | brevis Csy. 09–117                                  | Vanc.<br>N. Mex.             | 76. confluenta Say 23–159 Kan. Neb. Tex.                                  |
| 63.  | intricata Csy. 09–118<br>striata Fab. 74–267        | Ind.Can.Fla.                 | confluens Lec. 59–206<br>tessellata Csy. 09–104 Tex.                      |
|      | obscura Csy. 09–125                                 | PaOnt. [La.                  | 77. fasciata Fab. 87–177 N.E.U.S.No.                                      |
| a.   | impedita Say 36–160<br>canadensis Csy. 09–124       | N.E. U.S.<br>Ont.            | Atl. (So.Cal.?) sexmaculata Hbst. 01–163                                  |
|      |                                                     | Onc.                         | lherminieri Chev. 38–68                                                   |
| 64.  | (Stereosa Csy. 09–126)<br>apricans (Hbst.) 01–125   | N.C. Ala. Fla.               | fulgens Csy. 09–106 Dak. Wis. Ind.                                        |
| V 2. | nigricornis (Sturm) 26–105                          |                              | fortunata Csy. 09–107 Mich.<br>saturata Csy. 09–114 L. Sup.               |
|      | bosci Cast. 37–146                                  | A.1                          | sexplagiata (Lec.) 59–205 & N.E. U.S. Vt.                                 |
| 65.  | cribripennis Csy. 09–127<br>dccora (Fab.) 74–217    | Ala.<br>Fla. S.E.U.S.        | N. Y.                                                                     |
|      | salisburyensis (Hbst.) 01–1                         | .74                          | a. langi (Mann.) 43–237 Alas.B.C.Or.<br>ornata Walk. 66–324 Vanc. [Wash.  |
|      | ultromorino Say 26 160                              | N.Y. N.J.<br>Ga. N.Y. N.J.   | bistrinotata Csy. 09–108 Cal.                                             |
|      | ultramarina Say 36–160                              | Ga. N.1. N.3.                | angusta Csy. 09–108 Cal.                                                  |
| 67   | (Buprestis s. str.)<br>lineata Fab. 74–217          | Ind. N.YFla.                 | callida Csy. 09–109 Or.<br>fastidiosa Csy. 09–109 Cal.                    |
|      | davisi N. & W. 18–95                                | Fla. [Mich.                  | mediocris Csy. 09–109 Cal.                                                |
| 68.  | maculipennis Gory 40–119                            | MassFla.                     | viridimicans Csy. 09–111 B. C.<br>incolumis Csy. 09–112 Vanc.             |
|      | inconstans Melsh. 46–146 deficiens Csy. 09–90       | N.C.                         | oregona Csy. 09–112 Vanc.                                                 |
|      | fusiformis Csy. 09–91                               | Va.                          | obliqua Csy. 09–113 B. C.                                                 |
|      | scripta Csy. 09–91                                  | Mich.                        | patruelis Csy. 09–113 N. Mex.<br>graminea Csy. 09–114 Colo.               |
|      | reducta Csy. 09–92<br>leporina Csy. 09–92           | No. N.Y.<br>Mich. Mo.        | crenata Csy. 09–110 d Cal. Or.                                            |
| 69.  | subornata (Lec.) 59–208                             | W.U.S.Cal.                   | seditiosa Csy. 09–110 Cal.                                                |
|      | rubronotans Csy. 09–97<br>adonea Csy. 09–97         | Colo.?[N.Mex.<br>Mont.       | leviceps Csy. 09–110 Wash.<br>depressa Csy. 09–111 Cal.                   |
|      | histrio Csy. 09–98                                  | Utah                         | 78. gibbsi (Lec.) 57–42 CalWash.                                          |
|      | punctiventris Csy. 09-99                            | Colo.                        | (So. Cal.?)<br>— ?viridula Oliv. 90–27 (S. C.?)                           |
| 70   | violescens Csy. 09–99<br>maculativentris Say 24–272 | Kan.<br>ZUS Ind              | Philippines                                                               |
| , 0. | maculativenths bay 24 272                           | Pa.L.Sup.Nfld.               | Xenorhipis Lec. 66–384                                                    |
|      | 4 4 C 4 97 100                                      | (So. Cal.?)                  | 9379. brendeli Lec. 66–384 N. Y. Ill. Tex.                                |
|      | sexnotata Cast. 37–129<br>lecontei Saund. 71–40     |                              | Melanophila Esch. 29–9                                                    |
| a.   | rusticorum (Kby.) 37–151                            | Or.Wash.Br.                  | (Apatura Cast. 36–1)                                                      |
|      | nagananum (Khy.) 27 159                             | Am.<br>Lat. 54°              | (Diana Cast. 37–155)<br>(Trachypteris Kby. 37-158)                        |
|      | paganorum (Kby.) 37–152<br>acomana Csy. 09–101      | N. Mex.                      | (Oxypteris Kby. 37–160)                                                   |
|      | morosa Csy. 09–101                                  | Kan.                         | (Phaenops‡ Lec. nec Meg.)                                                 |
|      | fusca Csy. 09–101<br>sublivida Csy. 09–102          | Colo.<br>Mont.               | 9380. gentilis Lec. 63–42 So. Cal<br>prasina    Lec. 59–254 Cal. [N. Mex. |
|      | caliginosa Csy. 09–102                              | Colo.N.Mex.                  | 81. intrusa Horn 82–105 Cal. So. Lab.                                     |
|      | nigricans Csy. 09–102                               | Mont.                        | 82. pini-edulis Burke 08–117 ArizUtah.                                    |
|      | lyrata Csy. 09–103<br>adducta Csy. 09–103           | B. C.<br>Or.Id.Wash.         | 83. californica Van D. 18–54 Cal.<br>84. æneola Melsh. 46–146 M. & S. St. |
|      | connexa Horn 75–148                                 | Or. [Vanc.                   | metallica Melsh. 46–146 [Mieh.                                            |
| 72.  | nuttalli (Kby.) 37–152                              | 65° Br.Am.<br>L.Sup.         | 85. carolina Manee 13–171 N. C.<br>86. obtusa Horn 82–106 Ga.             |
| a.   | consularis Gory 40–120                              | N.E.U.S.N.Y.                 | 87. fulvoguttata (Harris) 29–2 Sib.U.S.L.Sup.                             |
|      | flavopicta Csy. 09–96                               | L.Sup.                       | guttulata (Gebler) 30–75 Alas. Lab.                                       |
| 73.  | læviventris (Lec.) 57–43                            | W.U.S. No.<br>Cal.(So.Cal.?) | discopunctata Fald. 33–47 [H.B.T.N.Mex. octospilata (Cast.) 36–4          |
|      | pugetana Csy. 09-94                                 | Wash.                        | croceosignata (Cast.) 36–5                                                |
| a.   | alternans (Lec.) 59-207                             | N.Mex.Ariz.                  | decolorata (Cast.) 36–5                                                   |
|      |                                                     |                              |                                                                           |

| Melanophila Esch.                              |                              | Anthaxia Esch.                                    |                   |
|------------------------------------------------|------------------------------|---------------------------------------------------|-------------------|
| a. drummondi (Kby.) 37–159                     | Cal. Or. Wash.               | ?inornata (Rand.) 38-4                            | Me. N. Y.         |
| guttulata Mann. 53–221                         | Lab. Alas.                   | expansa Lec. 57-44                                | Or.               |
| 9388. miranda (Lec.) 54–83                     | N. Mex. Or                   | imperfecta Lec. 59–215                            | N. Mex.           |
|                                                | Tex.                         | retifer Lec. 59–215                               | N. Mex.           |
| 89. notata (Cast.) 36–4                        | S.E. U.S. Ind.               | foveicollis Lec. 59–215                           | Cal.              |
| luteosignata Mann. 37–70                       | [Fla.                        | strigata Lec. 59–215                              | Cal.              |
| opaca Lec. 59–213                              | Ga. Fla.                     | nanula Csy. 84–174                                | Cal.              |
| 90. consputa Lec. 57–44                        | No. Cal. Or                  | simiola Csy. 84–174                               | Cal.              |
| . (0.0) - (100                                 | Ariz. So. Cal.               | ænescens Csy. 84–175                              | Cal.              |
| 91. acuminata (DeG.) 74–133                    | Sib. Eur. U.S.               | 9395. viridicornis (Say) 23–162                   | Mo. E.M.S.St.     |
| . (0 1) 00 1000                                | Can.                         | * (T. I. ) 01 010                                 | Md. Ind. Fla.     |
| acuta (Gmel.) 88–1939                          | Alas. Va. Lab.               | 96. quercata (Fab.) 01–216                        | U. S. Ind. Fla.   |
| 1° 1 / (T3 1 ) 04 07/                          | So. Cal.                     | viridicornis var. Say 34–16                       |                   |
| appendiculata (Fab.) 94–21                     | UKy. N. Mex.                 | 't ' C 41 900                                     | M. & S. St.       |
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| atropurpurea (Say) 23–160                      |                              | bivittata Gory 41–292                             | M. S. & W. St.    |
| longipes (Say) 23–164<br>immaculata Mann. 36–8 | Pa.Kan.L.Sup.<br>Alas. Ariz. | cyanella Gory 41–285 ♀<br>scoriacea Melsh. 46–148 | 1V1. S. & VV. St. |
| immaculata Mann. 50–5                          | Vanc. So. Cal.               | 97. deleta Lec. 78–459                            | ColoCal. So.      |
| pecchioli Cast. 39–33                          | [H. B. T.                    | 97. deleta Lec. 76-409                            | Cal. Ariz.        |
| pecemon Cast. 33-33                            | [II. D. I.                   | 98. salicis (Fab.) 81–237                         | Eur. & Kan.†      |
| Anthaxia Esch. 29-9                            |                              | — californica Obenb. 14–26                        | Cal.              |
| (Cratomerus Sol. 33–295)                       |                              | — pennsylvanica Obenb. 14–2                       |                   |
| 9392. viridifrons Gory 41–284                  | U. S. M. & W.                | - caseyi Obenb. 14-25                             | Cal.              |
| viridicornis    Cast. 39–19                    | [St. Ind. Ariz.              | casoji o sons. II 20                              | Cui.              |
| subænea Lec. 59–216                            | M. & W. St.                  |                                                   |                   |
| 93. sublævis Van D. 16–406                     | Cal.                         | Agrilaxia Kerr. 02–177                            | MEGING, IN        |
| 94. æneogaster Cast. 39–32                     | Ind. No. U.S.                | 9399. flavimana (Gory) 41–291                     | M.S.W.St.Fla.     |
| 3                                              | Can. Ariz. So.:              | gracilis (Melsh.) 46–148                          | [Ariz.            |
| ·                                              | Cal.                         |                                                   |                   |
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|                                                | Chryson                      | BOTHRINI                                          |                   |
| Chrysobothris Esch. 29-9                       |                              | Chrysobothris Esch.                               |                   |
| (Odontomus Kby. 37–156)                        |                              | 9417. bispinosa Schffr. 09–376                    | Ariz.             |
| 9400, chrysoela (Ill.) 00–122                  | So. U. S. Fla.               | 18. gemmata Lec. 58-67                            | Ariz.             |

|      | ( <i>Odontomus</i> Kby. 37–156) |                | 9417. | bispinosa Schffr. 09–376   | Ariz.          |
|------|---------------------------------|----------------|-------|----------------------------|----------------|
| 400. | chrysoela (Ill.) 00–122         | So. U. S. Fla. |       | gemmata Lec. 58–67         | Ariz.          |
|      | hybernata (Fab.) 01–209         |                | 19.   | merkeli Horn 86–106        | Tex. Ariz. So. |
|      | viridipunctata Cast. 38–21      |                | 20.   | serripes Schffr. 05–130    | Utah. [Cal.    |
| 01.  | sexfasciata Schffr. 18–212      | Fla.           | 21.   | acutipennis Chev. 35–190   | Tex.Ariz.Mex.  |
| 02.  | analis Lec. 59–238              | Tex. Mex.      |       | cupreoænea Cast. 38–39     |                |
|      | austini Thoms. 78–78            |                |       | acuminata Lec. 59–237      | Me.            |
| 03.  | bimarginicollis Schffr. 05-14   | 48             |       | cupreosignata Thoms. 78-8  | 0              |
|      | <u> </u>                        | Ariz.          | 22.   | libonoti Horn 86–108       | Ariz.          |
| 04.  | convexa Fall 07–233             | N. Mex.        |       | tranquebarica (Gmel.) 88-1 | .932           |
| 05.  | sexsignata (Say) 36–158         | Ct.E.U.S.Ind.  |       | impressa    (Fab.) 87–182  | W. I. Fla.     |
|      | sexguttata   (Say) 23-161       | MassColo.      |       | excavata (Oliv.) 90-232    |                |
|      | germari Cast. 38-50             |                |       | rugosa Mann. 37–74         |                |
|      | ignipes Cast. 38–50             |                |       | denticultata Cast. 38–46   |                |
| 06.  | lucana Horn 94–367              | Ariz. So. Cal. |       | denticollis Gory 41–178    |                |
| 07.  | scitula Gory 41–160             | N. JD. C. O.   |       | fraterna Mann. 37–75       |                |
|      | ultramarina‡ Cast. 38–13        | [Ind.          | 24.   | chalcophoroides Horn 86-13 | 10             |
|      | azurea Lec. 57–8                | So. S. C.      |       |                            | Ariz.          |
|      | concinnula Lec. 59–238          | Mo.            | 25.   | multistigmosa Mann. 37-82  | 2              |
| 08.  | lecontei n.m.                   |                |       | 9                          | TexMex.        |
|      | azurea    Lec. 59–239           | Conn. Tex.     |       | atabalipa Cast. 38–43      | Ariz.          |
|      |                                 | Ind.           |       | basalis Lec. 58–68         | Tex.           |
| 09.  | aeneola Lec. 59–239             | KanNev.        | 26.   | octocola Lec. 58–67        | Tex. Ariz. So. |
|      | purpurata Bl. 64–66             | ·              | 27.   | edwardsi Horn 86–74        | Ariz. [Cal.    |
| 10.  | atrofasciata Lec. 73–332        | ArizN. Mex.    | 28.   | thoracicus Schffr. 05–128  | L. Cal.        |
|      | nigrofasciata‡ Lec. 59–240      | N. Mex.        | 29.   | texana Lec. 59-234         | Tex. Colo      |
| 11.  | ulkei Lec. 59–240               | Tex.           | 30.   | beyeri Schffr. 04–207      | L. Cal. [Cal.  |
|      | prasina Horn 86–118             | Cal. So. Cal.  | 31.   | ignicollis Horn 85–145     | Colo. Tex.     |
|      | bicolor Horn 94–366             | Cal.           | 32.   | speculifer Horn 86–83      | So. Cal. Colo. |
|      | smaragdula Fall 07–239          | Ariz.          |       |                            | Ariz.          |
|      | lateralis Waterh. 87–47         | Tex. Mex.      | 33.   | cuprascens Lec. 59–234     | So. Cal. Colo. |
| 16.  | costifrons Waterh. 87–45        | Ariz. Mex.     |       |                            | N. Mex. Ariz.  |
|      | aerea    Chev. 35–49            |                | 34.   | monticola Fall 10–51       | Cal.           |
|      |                                 |                |       |                            |                |

| Chry      | sobothris Esch.                                |                            | Chry  | sobothris Esch.                                      |                    |
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| 9435.     | californica Lec. 59–255                        | Cal. Nev.                  |       | insculpta (Herbst) 01–145                            |                    |
|           | vulcanica Lee. 61–346                          | Ariz. So. Cal.             |       | eribraria Mann. 37–77                                | Can.               |
| 36.       | blanchardi Horn 86–93                          | Ind. Mass                  |       | quadriimpressa Cast. 38–48                           | 3                  |
| () ***    | 1 '1' / T #0 099                               | D. C.                      |       | dentipes‡ Cast. 38–52                                |                    |
|           | quadrilineata Lec. 59–233                      | N. Mex. Ariz.              |       | nigritula Cast. 38–54                                | NT 4               |
|           | exesa Lec. 58–68                               | Ariz. So. Cal.             |       | dissimilis Gory 41–181                               | N. Am.             |
|           | mali Horn 86–97<br>lineatipennis Van D. 16–411 | So. Cal. Colo. Cal. [Ariz. |       | alabamæ Gory 41–185                                  |                    |
|           | piuta Wickh. 03–67                             | Ariz. Cal.                 |       | viridiceps Melsh. 46–147<br>rugosiceps Melsh. 46–147 |                    |
|           | micromorpha Fall 07–237                        | Ariz.                      |       | adelpha Harold 69–124                                |                    |
| 42.       | pseudotsugæ Van D. 16-407                      |                            |       | soror    Lec. 59–232                                 | M. & W. St.        |
| 43.       | laricis Van D. 16–409                          | Cal. Or.                   |       | ?fastidiosa Gory 39–180                              | Brazil.            |
|           | carinipennis Lec. 78–459                       | Colo. Nev.                 |       | obscura Lec. 59–232                                  | S. & W. St.        |
|           | breviloba Fall 10–51                           | Colo.                      | 9467. | lesueuri Cast. 38–49                                 | N.Y.M.&S.St.       |
| 46.       | falli Van D. 18–56                             | Cal.                       |       | misella Lec. 59–233                                  | N. Y. Conn.        |
|           | caurina Horn 86–92                             | ColoOr.                    | 68.   | scabripennis Cast. 38–53                             | N.E.U.S. N.Y.      |
|           | pusilla Cast. 38–53                            | N. E. U. S. Ct.            |       | proxima Kby. 37–157                                  | [Me. L. Sup.       |
|           | biguttata Cast. 38–53                          |                            | 0.0   | scabra Gory 41–182                                   |                    |
|           | strangulata Melsh. 46-147                      | NT CL                      |       | carmelita Fall 07–236                                | Ariz.              |
|           | nixa Horn 86–98                                | Nev. Cal.                  | 70.   | debilis Lec. 59–236                                  | W. St. OSo.        |
|           | pubescens Fall 07–238                          | Cal.                       | 71    | disjuncta Lec. 59–236                                | Ariz. [Cal.        |
| ექ.       | deleta Lec. 59–255                             | Cal. Wash.                 |       | axillaris Horn 86–75                                 | ArizTex.           |
|           | subcylindricus    Mots. 59-1                   |                            |       | lixa Horn 86–108                                     | Ariz. Tex.         |
| 5.4       | deserte Horn SS 100                            | Alas.<br>Cal. So. Cal.     |       | purpure placiate Schffr 04                           |                    |
|           | deserta Horn 86–100<br>horni Kerr. 03–186      | U. S.                      | 14.   | purpureoplagiata Schffr. 04                          | -200<br>Ariz.      |
|           | purpurifrons Mots. 59–183                      | N. W. U. S.                | 75    | subopaca Schffr. 04–208                              | Cal.               |
| 50.       | semisculpta Lec. 59–254                        | Cal.                       |       | cyanella Horn 86–102                                 | No. Cal.           |
|           | contigua Lec. 59–255                           | Cal. So. Cal.              |       | humilis Horn 86–102                                  | Ariz.              |
| 57        | sylvania Fall 10–50                            | Cal.                       |       | viridicyanea Horn 86–84                              | MontCal.           |
|           | trinervia (Kby.) 37–157                        | Alas. H. B. T.             |       | harrisi (Hentz) 27–373                               | Mass. Can          |
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|           | cicatricosa Mots. 52–77                        | Ariz. L. Sup.              |       |                                                      | (a • .             |
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| 59.       | verdigripennis Frost 10–43                     | Me.                        | Acter | nodes Lac. 57–72                                     | oo Fash )          |
|           | dolata Ĥorn 86–87                              | NevOr.                     | 0480  | (Belionota‡ Mots. 59–184 normal Horn 91–46           | Tex. So. Cal.      |
| 61.       | dentipes (Germ.) 24–38                         | E. U. SOr.                 |       |                                                      | E. U. S. Ind.      |
|           | characteristica (Harris) 29-2                  | L.SupGa.Fla.               | 01.   |                                                      | N. Y. Ga. Fla.     |
|           | posticalis Cast. 38–56                         | N. Am.                     |       | punctata (Melsh.) 46–147                             | 111 11 000 1100    |
|           | ruficornis Sturm. 43–61                        | 0.1.0.1                    |       | ?californica Mots. 59–184                            | Cal.               |
|           | ludificata Horn 86–88                          | ColoCal.                   | 82.   | bellula (Mann.) 37-79                                | W. I. Ga.          |
|           | lata Kerr. 99–336                              | Fla.                       |       | auronotata (Cast.) 38–20                             | Fla.               |
| 64.       | floricola Gory 41–179                          | Ind. M. St                 |       | bella Lec. 59–240                                    | Ga.                |
|           | f                                              | Fla. Conn.                 | 83.   |                                                      | Mex. Ariz.         |
| er        | femorata‡ Cast. 38–48                          | [Mich.                     |       | fulgurata (Mann.) 37–80                              | So. Cal. Fla.      |
|           | peninsularis Schffr. 04–207                    | L. Cal.<br>U. S. IndFla.   |       | lebasi (Cast.) 41–30                                 |                    |
| 00.       | femorata (Oliv.) 90–47                         | CanTex. Or.                | 84.   | flexicaulis Schffr. 04–209                           | Tex.               |
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| Eurr      | istocerus Deyr. 64–113                         | 230111                     |       | us Steph.                                            |                    |
| Lapr.     | (Coræbus‡ Lec. 59–241)                         |                            |       | bivittatus Kby. 37–161                               |                    |
| 9485.     | cogitans (Web.) 01–75                          | M. S. W. St.               |       | flavolineatus Mann. 37-110                           | )                  |
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|           | ruficollis (Hbst.) 01–249                      |                            | 9492. | auroguttatus Schffr. 05-149                          | Ariz.              |
| <b>17</b> |                                                |                            |       | inhabilis Kerr. 00–341                               |                    |
|           | aulus Waterh. 89–50                            | Cala Arin                  |       | ineptus    Horn 94–378                               | Cal.               |
|           |                                                | Colo. Ariz.                | 94.   | walsinghami Cr. 73–95                                | Ariz. OrN.         |
|           | us Steph. 30–239                               |                            |       |                                                      | Mex. So. Cal.      |
|           | macer Lec. 58-70                               | Tex.                       |       | snowi Fall 05–270                                    | Ariz.              |
|           | concinnus Horn 91–310                          | Ga. Fla.                   | 96.   | aureus Chev. 37–98                                   | Ariz. N.Mex.       |
| 89.       | cavatus Chev. 35–142                           | Tex. Mex.                  | 07    | couesi Lec. 66–384                                   | M                  |
| 00        | texanus Cr. 73–94                              | I C l                      |       |                                                      | Mass. Conn.        |
|           | lucanus Fall 06–167                            | L. Cal.                    | 98.   | acutipennis Mann. 37–109                             | Ind.Mass.Fla.      |
| 91.       | bilineatus (Web.) 01–74                        | Ind. Me. Colo.             |       | latebrus Cast. 39–38                                 | Tex.<br>M.& S. St. |
|           |                                                | Tex. La. Conn. Mich.       |       | quadriimpressus Zieg. 46–26                          |                    |
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| 9499. difficilis Gory 39–224                               | Mo.Tex.Ind.                           | 9540. sinuatus (Oliv.) 90–74                           | †Eur. & N.J.†         |
| occidentalis Uhler 55–416                                  | W. St.                                | chryseis (Curtis) 25–67                                | ,                     |
| 9500. ferrisi Dury 08–368                                  | O. Ind.                               | 41. cratægi Frost 12–247                               | Pa.                   |
| 01. obtusus Horn 91–288                                    | Tex.                                  | 42. politus (Say) 25–241                               | MeKan.U.S.            |
| 02. fuscipennis Gory 41–238                                | Tenn.Ga.Fla.<br>N. E. U. S.           | ourrealus I on 50 249                                  | Ind.                  |
| 03. horni Kerr. 00–341<br>blanchardi    Horn 91–305        | N. M. U. S.                           | cupreolus Lec. 59–248                                  | Kan.So.Cal.<br>Ariz.  |
| 04. anxius Gory 41–226                                     | Ind.Mass                              | plumbeus Lec. 59–247                                   | M. & W.St.            |
| •                                                          | Colo.                                 | desertus    Lec. 59–249                                | So.Cal.[L.Sup.        |
| gravis Lec. 59–247                                         | L. Sup. N.Y.                          | solitarius Harold 69–1445                              |                       |
| torpidus Lec. 59–247                                       | L.Sup. Ill.                           | 43. burkci Fisher 17–287                               | Cal.                  |
| 05. obolinus Lec. 59–248<br>knausi Schffr. 09–376          | Kan.S.W.U.S.                          | 44. impexus Horn 91–327                                | Ark. Neb.<br>Fla.     |
| 06. strigicollis Fall 12–41                                | [So.Cal. Ariz.                        | 45. floridanus Cr. 73–94<br>46. dolli Schffr. 04–210   | Tex.                  |
| 07. muticus Lec. 58–70                                     | Kan. Tex.                             | 47. obsoletoguttatus Gory 41–2                         |                       |
| 08. lacustris Lec. 59-250                                  | L.Sup.IllTex.                         |                                                        | MeIll. Ind.           |
| cuneus Lec. 66–384                                         | [Ariz. So.Cal.                        | nigricans Gory 41–257                                  |                       |
| pubiventris Cr. 73–95                                      |                                       | interruptus Lec. 59–246                                | S. & W. St.           |
| 09. quercus Schffr. 05–150                                 | Ariz.<br>Nev.                         | 48. vittaticollis Rand. 38–38                          | MeIll.                |
| 10. nevadensis Horn 91–303<br>11. niveiventris Horn 91–304 | ArizSo.Cal.                           | frenatus Gory 41–239<br>49. audax Horn 91–300          | Tex.                  |
| 12. pensus Horn 91–305                                     | Mass.                                 | 50. pinalicus Wickh. 03–69                             | Ariz.N.Mex.           |
| 13. ruficollis (Fab.) 87–184                               | Ind.Can.Va.                           | 51. granulatus (Say) 23–162                            | Kan.N.Eng.            |
|                                                            | Mo. Fla.                              |                                                        | N. C. Mo.             |
| 14. lateralis (Say) 23–169                                 | Mass.N.Mex.                           | quadriguttatus Gory 41–23                              | 28                    |
| sayi Saunders 71–126<br>15. masculinus Horn 91–295         | Can.N.Y.Ill.                          | alova Conv. 41, 250                                    | M. S. W. St.          |
| 13. mascumus 110rm 91–293                                  | Ind.                                  | aleus Gory 41–250<br>52. abstersus Horn 91–324         | So. Ariz.             |
| 16. pusillus (Say) 25–252                                  | KanAriz.                              | 53. lecontei Saunders 71–117                           | CanTex.Ind.           |
| parvus Saunders 71–116                                     | [Ind.                                 | subfasciatus    Lec. 59–245                            | Ill.                  |
| 17. defectus Lec. 59–234.                                  | N.E.U.S.Pa.                           | 54. palmacollis Horn 91–326                            | Tex. Ariz.            |
| 10 -:: IT . 01 004                                         | Kan. W. St.                           | 55. gibbicollis Fall 01–241                            | So. Cal.              |
| 18. crinicornis Horn 91–294<br>19. addendus Cr. 73–95      | Mass. Va.<br>Tex.Ariz.Ind.            | 56. abductus Horn 91–325<br>57. felix Horn 91–326      | Tex.<br>Ariz.         |
| 20. egenus Gory 41–258                                     | CanTex.Ind.                           | 58. ornatulus Horn 91–319                              | S. W. Tex.            |
| 21. puncticeps Lec. 59–249                                 | CanTex.M.                             | 59. ventralis Horn 91–320                              | N. Mex.               |
|                                                            | & S. St.                              | 60. subtropicus Schffr. 05–131                         | Tex.                  |
| 22. cephalicus Lec. 59–249                                 | CanTex.M.                             |                                                        |                       |
| 23. arcuatus (Say) 25-249                                  | St. L. Sup.<br>Ind.Mass. Fla.         | Rhæboscelis Chev. 37–203                               |                       |
| 25. arcuatus (Say) 25–249                                  | Mont.                                 | 9561. tenuis Lec. 63–82                                | E.U.S.Fla.            |
| a. torquatus Lec. 59–243                                   | Ky. Mich.                             | 62. texana Schffr. 04–211                              | Tex.                  |
| b. fulgens Lec. 59–243                                     | Mo. Ill.                              | The alarman land Cal. 22, 210                          |                       |
| c. coryli Horn 91–297                                      | Man.                                  | Pachyschelus Sol. 33–313<br>(Metonius Say 36–264)      |                       |
| d. obliquus Lec. 59–243                                    | L. Sup. Conn.                         | 9563. carbonatus Lec. 59–252                           | La.                   |
| 24. cupricollis Gory 41–240<br>arcuatus‡ Lec. 59–242       | Fla.                                  | 64. purpureus (Say) 36–164                             | E.U.S.Ind.            |
| 25. huachuæ Schffr. 05–150                                 | Ariz.                                 | americanus Gory 41–346                                 | M. & W. St.           |
| 26. angelicus Horn 91–298                                  | Cal. So. Cal.                         | 65. schwarzi Kerr. 92–298                              | Fla. Ga.              |
| 27. townsendi Fall 07–234                                  | N. Mex.                               | cæruleus    Sz. 78–364                                 | Aria                  |
| 28. champlaini Frost 12–245                                | Conn. Pa.                             | 66. oculatus Schffr. 09–377<br>67. ovatus (Say) 25–252 | Ariz.<br>E.U.S. Fla.  |
| 29. imbellis Cr. 73–94<br>30. abditus Horn 91–332          | Mass.Fla.Tex.                         | lævigatus (Say) 36–164                                 | Conn. Ind.            |
| 31. fallax Say 36–163                                      | Nev.<br>Ind. Can. Tex.                | punctatus (Gory) 41–347                                |                       |
| zemes Gory 41–234                                          | M. & W. St.                           | politus Kerr. 96–322                                   |                       |
| impressipennis Uhler 55-41                                 | · · · · · · · · · · · · · · · · · · · |                                                        |                       |
| 32. scitulus Horn 91–318                                   | Tex.                                  | Brachys Sol. 33-312                                    |                       |
| 33. mercurius Wickh. 03–70                                 | N. Mex.                               | 9568. tessellatus (Fab.) 01–218                        | E. U.S. Fla.          |
| 34. blandus Horn 91–321                                    | Ariz.Cal.So.                          | lævicauda Lec. 59–252                                  | Pa. [Ind.]            |
| 35. abjectus Horn 91–321<br>36. subcinctus Gory 41–252     | Tex. [Cal. N.Y.Can.Ill.               | lugubris Lec. 59–251<br>69. fasciferus Sz. 78–363      | M. & S. St.<br>Fla.   |
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| 37. putillus Say 39–163                                    | N.E.U.S.Ind.                          | 71. cephalicus Schffr. 09–377                          | Ariz.                 |
| 38. jacobinus Horn 91–314                                  | Cal. So. Cal.                         | 72. aerosus Melsh. 46–148                              | Ind.                  |
| illectus Fall 01–242                                       | Cal. So. Cal.                         | terminans † Cast. 39–3                                 | E. U. S.              |
| 39. otiosus Say 36-163                                     | Ind.CanTex.                           | 73. æruginosus Gory 41–355                             | E.U.S.Ind.Fal.        |
| geminatus (Say) 23–163 Q<br>virens Gory 41–259             | M. & W. St.<br>[Kan.                  | 74. ovatus (Web.) 01–76                                | Fla. E. U. S.<br>Ind. |
|                                                            | f-rum.                                |                                                        | -114                  |

Brachys Sol. aurulentus Kby. 37-162 M. S. W. St. tessellatus Cast. 39–3 prætexta Gory 40–332 molestus Gory 41–232 9575. floccosus Mann. 37-118

horni Kerr. 96-324 76. cuprascens Blatch. 13-23 Mex. & Ariz. Kan. Fla.

Ariz.

Taphrocerus Sol. 33-314 9577. puncticollis Sz. 78-363 Fla. 78. gracilis (Say) 25–253 Fla.E.U.S.Ind. alboguttatus (Mann.) 37–120 (So. Cal.?) 79. agriloides Cr. 73–76 Tex. Fla. texanus Kerr. 96-312 Tex. 80. lævicollis Lec. 78-403 Fla. cylindricollis Kerr. 96-312 Pa.

#### MASTOGENHINI

Mastogenius Sol. 50-507 (Haplostethus Lec. 59–253)

9581. robustus Schffr. 05–148
82. puncticollis Schffr. 18–213
83. impressipennis Fall 06–167

Ariz. L. Cal. 84. subcyaneus (Lec.) 59-254 N. J. Ind. Fla. M. S. W. St. Conn.

Trigonogya Schffr. 18-213 9585. reticulaticollis (Schffr.) 04-210 Tex.

### DRYOPOIDEA

Leconte 52; Horn 70; Zaitzev 08, 10

#### PSEPHENIDÆ

Psephenus Hald. 53-34 (Fluricola‡ DeKay 44-53) (Eurypalpus || Lec. 52-41) 9586. lecontei (Lec.) 50-241 herricki DeKay 44-53

trentonensis Zimm. 69-259

E. U. S. R.I. N.Y.-Ind. Can.-D.C. Mich.

Psephenus Hald. 9587. falli Csy. 93–579 Cal. So. Cal. 88. haldemani Horn 70-30 Cal. 89. veluticollis Csy. 93-579 Cal.

### **DRYOPIDÆ** (Parnidæ)

#### POTAMOPHILINI

**Lara** Lec. 52-42 9590. avara Lec. 52-42

Cal.

Phanocerus Sharp 82–128 Guat. Tex. 9591. clavicornis Sharp 82-129

#### DRYOPINI

Lutrochus Er. 47-509 9592. luteus Lec. 52-42 93. laticeps Csy. 93-580

Throscinus Lec. 74-51 9594. crotchi Lec. 74–52 95. politus Csy. 89–162 96. schwarzi Schffr. 04–197

Pelonomus Er. 47-510 9597. obscurus Lec. 52-42 98. rufescens Csy. 93-581

Oberonus Csy. 93-581 9599. obesus Čsy. 93-581

Narpus Csy. 93-582 9600. angustus Csy. 93-583 Tex. Mich. O. Ind. D. C.

So. Cal. Tex. Tex.

Tex. La. Fla. Fla.

Tenn. Cal.

9601. arizonensis Schffr. 05-126 **Helichus** Er. 47–510 9602. productus Lec. 52-43

(Parnus Fab. 92-245)

Dryops Oliv. 91-297

03. lithophilus (Germ.) 24-88 04. fastigiatus (Say) 24–275 basalis Lec. 52–43 05. striatus Lec. 52-43 foveatus Lec. 52-43

06. suturalis Lec. 52-43 gilensis Lec. 52-43 æqualis Lec. 54-81

So. Cal. Ariz. Can. E. U. S. Ind.

Ariz.

Can.-La. Ct.-[Ill.Ind. Can. U.S. Cal. Mich. Nev. Ariz. So. Cal. Ariz.

### HELMIDÆ (Elmidæ)

### HELMINI

| Stenelmis Duf. 35-                                                                                                                                                                                                                      | -158                                                                                                                                                                                    | He                                                                      | lmis Latr.                                                                                                                                                                                                                  |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| 9607. linearis Zimm.                                                                                                                                                                                                                    | . 69–259 S. C                                                                                                                                                                           | $\sim$ 962                                                              | 27. addenda Fall 07–226                                                                                                                                                                                                     | N.Mex.                                         |
| ?humerosa Mo                                                                                                                                                                                                                            | ots. 59–50 Ala                                                                                                                                                                          | ı <b>.</b> 2                                                            | 28. antennata Fall 07–227                                                                                                                                                                                                   | N.Mex.                                         |
| 08. sinuata Lec. 59                                                                                                                                                                                                                     | 2–44 Ga.                                                                                                                                                                                | 2                                                                       | 29. columbiensis Angell 92–84                                                                                                                                                                                               | B.C.                                           |
| 09. crenata (Say)                                                                                                                                                                                                                       | 24-275 E. U                                                                                                                                                                             |                                                                         | 30. pecosensis Fall 07–226                                                                                                                                                                                                  | N.Mex.                                         |
| 10. bicarinata Lec                                                                                                                                                                                                                      |                                                                                                                                                                                         |                                                                         | $0\frac{1}{2}$ . ornata Schffr. 11–120                                                                                                                                                                                      | Mont.                                          |
| 11. quadrimaculat                                                                                                                                                                                                                       | a Horn 70–40                                                                                                                                                                            |                                                                         | •                                                                                                                                                                                                                           |                                                |
| •                                                                                                                                                                                                                                       | Vt.                                                                                                                                                                                     | Els                                                                     | ianus Sharp 82–131                                                                                                                                                                                                          |                                                |
| ?maerkeli Mot                                                                                                                                                                                                                           | ts. 59–50 Ten                                                                                                                                                                           | n. 963                                                                  | 31. texanus Schffr. 11–119                                                                                                                                                                                                  | Tex.                                           |
| 12. vittipennis Zin                                                                                                                                                                                                                     | nm. 69-259 Tex                                                                                                                                                                          | . S. C. III. 3                                                          | 2. moestus Horn 70–37                                                                                                                                                                                                       | Ariz.                                          |
| *                                                                                                                                                                                                                                       | Mai                                                                                                                                                                                     | D.                                                                      | angustus Lec. mss.                                                                                                                                                                                                          |                                                |
| 13. nubifera Fall 0                                                                                                                                                                                                                     | )2–238 Cal.                                                                                                                                                                             | So. Cal.                                                                | . D 45 500                                                                                                                                                                                                                  |                                                |
| 14. sulcata Blatch                                                                                                                                                                                                                      | . 10–681 Ind                                                                                                                                                                            |                                                                         | nnius Er. 47–522                                                                                                                                                                                                            | ¥7.                                            |
| — sordida Mots.                                                                                                                                                                                                                         |                                                                                                                                                                                         |                                                                         | 3. elegans (Lec.) 52–43                                                                                                                                                                                                     | Vt.                                            |
| — elongata Mots                                                                                                                                                                                                                         |                                                                                                                                                                                         | $\lambda_{ m m}$ . $^3$                                                 | 4. fastiditus (Lec.) 50–217                                                                                                                                                                                                 | Can. L.Sup.                                    |
| g                                                                                                                                                                                                                                       |                                                                                                                                                                                         |                                                                         |                                                                                                                                                                                                                             | Man.                                           |
| Helmis Latr. 98-398                                                                                                                                                                                                                     | }                                                                                                                                                                                       |                                                                         | 5. ovalis (Lec.) 63–74                                                                                                                                                                                                      | Pa. Ind.                                       |
|                                                                                                                                                                                                                                         |                                                                                                                                                                                         |                                                                         |                                                                                                                                                                                                                             |                                                |
|                                                                                                                                                                                                                                         |                                                                                                                                                                                         | 3                                                                       | 6. quadrimaculatus (Horn) 70                                                                                                                                                                                                |                                                |
| (Elmis‡ auct.)                                                                                                                                                                                                                          | 44–99 M.S                                                                                                                                                                               |                                                                         |                                                                                                                                                                                                                             | 0–37<br>Cal.                                   |
| (Elmis‡ auct.) 9615. vittata Melsh.                                                                                                                                                                                                     |                                                                                                                                                                                         | t. N.Y.                                                                 | <ol> <li>quadrimaculatus (Horn) 70</li> <li>?seriatus (Lec.) 74–52</li> </ol>                                                                                                                                               |                                                |
| (Elmis‡ auct.)<br>9615. vittata Melsh.<br>16. concolor Lec. 8                                                                                                                                                                           | 31–75                                                                                                                                                                                   | t. N.Y.<br>Ind. Man.                                                    | ?seriatus (Lec.) 74–52                                                                                                                                                                                                      |                                                |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec.                                                                                                                                                              | 81–75 [<br>52–44 Wis.                                                                                                                                                                   | t. N.Y.<br>Ind. Man.                                                    | ?seriatus (Lec.) 74–52<br>terelmis Sharp 82–130                                                                                                                                                                             | Cal.                                           |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 8 18. quadrinotata S                                                                                                                                         | 31–75 [<br>52–44 Wis.<br>Say 25–187 M.S                                                                                                                                                 | t. N.Y.<br>Ind. Man.<br>t. Can. He                                      | ?seriatus (Lec.) 74–52<br>terelmis Sharp 82–130<br>7. nitidulus (Lec.) 66–380                                                                                                                                               | Cal.                                           |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 4 18. quadrinotata S 19. corpulenta Lec                                                                                                                      | 81–75 [<br>52–44 Wis.<br>Say 25–187 M.S<br>c. 74–52 B.C                                                                                                                                 | t. N.Y.<br>Ind. Man.<br>t. Can. Het<br>963<br>. [Mich. 3                | ?seriatus (Lec.) 74–52  terelmis Sharp 82–130 7. nitidulus (Lec.) 66–380 8. latiusculus (Lec.) 66–380                                                                                                                       | N.Y.<br>Pa.                                    |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 18. quadrinotata S 19. corpulenta Lec. 20. divergens Lec.                                                                                                    | 81–75 [<br>52–44 Wis.<br>Say 25–187 M.S<br>c. 74–52 B.C<br>74–52 B.C.                                                                                                                   | t. N.Y. Ind. Man. t. Can. [Mich. So.Cal. 3                              | ?seriatus (Lec.) 74–52  terelmis Sharp 82–130 7. nitidulus (Lec.) 66–380 8. latiusculus (Lec.) 66–380 9. glabra Horn 70–37                                                                                                  | N.Y.<br>Pa.<br>Ariz.                           |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 8 18. quadrinotata S 19. corpulenta Lec. 20. divergens Lec. 21. abnormis Horn                                                                                | 52–44 Wis.<br>52–44 Wis.<br>5ay 25–187 M.S<br>c. 74–52 B.C<br>74–52 B.C.<br>170–38 Ariz.                                                                                                | t. N.Y.<br>Ind. Man.<br>tt. Can. 963<br>. [Mich. 3<br>. So.Cal. 3       | ?seriatus (Lec.) 74–52  terelmis Sharp 82–130 7. nitidulus (Lec.) 66–380 8. latiusculus (Lec.) 66–380                                                                                                                       | N.Y.<br>Pa.                                    |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 8 18. quadrinotata S 19. corpulenta Lec. 20. divergens Lec. 21. abnormis Horn 22. pusilla (Lec.) 5                                                           | 81–75 [ 52–44 Wis. Say 25–187 M.S c. 74–52 B.C 74–52 B.C. 170–38 Ariz 52–44 M.S                                                                                                         | t. N.Y. Ind. Man. t. Can. [Mich. So.Cal. L.Cal. t. Can.                 | ?seriatus (Lec.) 74–52  terelmis Sharp 82–130 7. nitidulus (Lec.) 66–380 8. latiusculus (Lec.) 66–380 9. glabra Horn 70–37 a. vulnerata Lec. 74–53                                                                          | N.Y.<br>Pa.<br>Ariz.                           |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 8 18. quadrinotata S 19. corpulenta Lec. 20. divergens Lec. 21. abnormis Horn 22. pusilla (Lec.) 5 23. foveata Lec. 74                                       | 81–75 [ 52–44 Wis. Say 25–187 M.S c. 74–52 B.C. 74–52 B.C. a 70–38 Ariz 52–44 M.S 4–53 So.C                                                                                             | t. N.Y. Ind. Man. t. Can. [Mich. So.Cal. L.Cal. t. Can. Ma              | ?seriatus (Lec.) 74–52 terelmis Sharp 82–130 7. nitidulus (Lec.) 66–380 8. latiusculus (Lec.) 66–380 9. glabra Horn 70–37 a. vulnerata Lec. 74–53 cronychus Müll. 06–207                                                    | N.Y. Pa. Ariz. Ariz. Tex.                      |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 8 18. quadrinotata S 19. corpulenta Lec 20. divergens Lec. 21. abnormis Horn 22. pusilla (Lec.) 5 23. foveata Lec. 74 24. similis Horn 70                    | 52-44 Wis.<br>52-44 Wis.<br>5ay 25-187 M.S<br>c. 74-52 B.C.<br>74-52 B.C.<br>a 70-38 Ariz.<br>52-44 M.S<br>4-53 So.C.<br>0-38 Ariz                                                      | t. N.Y. Ind. Man. t. Can. [Mich. So.Cal. 1. L.Cal. t. Can. Cal. Ma . Ma | ?seriatus (Lec.) 74–52 terelmis Sharp 82–130 7. nitidulus (Lec.) 66–380 8. latiusculus (Lec.) 66–380 9. glabra Horn 70–37 a. vulnerata Lec. 74–53 cronychus Müll. 06–207 0. glabratus (Say) 25–187                          | N.Y. Pa. Ariz. Ariz. Tex. Pa. N.Y. N.J.        |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 8 18. quadrinotata S 19. corpulenta Lec 20. divergens Lec. 21. abnormis Horn 22. pusilla (Lec.) 5 23. foveata Lec. 74 24. similis Horn 70 25. ferruginea Hor | 52-44 Wis.<br>52-44 Wis.<br>5ay 25-187 M.S<br>5. 74-52 B.C.<br>74-52 B.C.<br>62-44 M.S<br>62-44 M.S<br>63-38 So.C<br>63-38 Ariz<br>64-53 So.C<br>64-38 Ariz<br>65-38 Ariz<br>65-39 Tex. | t. N.Y. Ind. Man. t. Can. [Mich. So.Cal. L.Cal. t. Can. Cal. Ma 964     | ?seriatus (Lec.) 74–52  terelmis Sharp 82–130 7. nitidulus (Lec.) 66–380 8. latiusculus (Lec.) 66–380 9. glabra Horn 70–37 a. vulnerata Lec. 74–53  cronychus Müll. 06–207 0. glabratus (Say) 25–187 lateralis Melsh. 44–99 | N.Y. Pa. Ariz. Ariz. Tex.  Pa. N.Y. N.J. [D.C. |
| (Elmis‡ auct.) 9615. vittata Melsh. 16. concolor Lec. 8 17. bivittata Lec. 8 18. quadrinotata S 19. corpulenta Lec 20. divergens Lec. 21. abnormis Horn 22. pusilla (Lec.) 5 23. foveata Lec. 74 24. similis Horn 70                    | 52-44 Wis.<br>52-44 Wis.<br>5ay 25-187 M.S<br>5. 74-52 B.C.<br>74-52 B.C.<br>62-44 M.S<br>62-44 M.S<br>63-38 So.C<br>63-38 Ariz<br>64-53 So.C<br>64-53 So.C<br>65-38 Ariz<br>67-39 Tex. | t. N.Y. Ind. Man. t. Can. [Mich. So.Cal. L.Cal. t. Can. Cal. Ma 964     | ?seriatus (Lec.) 74–52 terelmis Sharp 82–130 7. nitidulus (Lec.) 66–380 8. latiusculus (Lec.) 66–380 9. glabra Horn 70–37 a. vulnerata Lec. 74–53 cronychus Müll. 06–207 0. glabratus (Say) 25–187                          | N.Y. Pa. Ariz. Ariz. Tex. Pa. N.Y. N.J.        |

### ANCYRONYCHINI

| Ancy  | ronyx Er. 47–522         |
|-------|--------------------------|
| 9642. | variegatus (Germ.) 24-89 |
|       | cinctus (Sav) 25–186     |

Vt.M.St.Tenn.

Ancyronyx Er. parumoculatus Hardy 53–270

# HETEROCERIDÆ

Horn 90; Zaitzev 10

| Heterocerus Fab. 92-262                            | ĺ                   | Heterocerus Fab.                                             |                            |
|----------------------------------------------------|---------------------|--------------------------------------------------------------|----------------------------|
| (Heterocerus s. str.)<br>9643. gnatho Lec. 63-74   | So.Cal. Ariz.       | 9648. brunneus Melsh. 44–91                                  | N.SCal. Ind. Fla.          |
| labiatus Lec. 63–75                                | bo.Car. Arrz.       | 49. schwarzi Horn 90–11                                      | Pa.L.Sup.Tex.              |
| labratus Lec. 63–35                                |                     | 70 II ' TZ' 71 000                                           | Man.                       |
| ?velutinus Sharp 87–773<br>44. pallidus Say 23–199 | Kan.Tex.Ariz.       | 50. collaris Kies. 51–292<br>vilis Sharp 87–773              | PaFlaAriz.<br>Ind. So.Cal. |
| 45. ventralis Melsh. 44–98                         | Pa.N.Y.O.Ind.       | ?mexicanus Sharp 82–118                                      | [Man.                      |
| labiatus Kies. 51–282                              | [Conn.              | 51. tristis Mann. 53–218                                     | AlasPa. Ind.               |
| 46. undatus Melsh. 44–98                           | CanWy. Ind.         | 52. pusillus Say 23–200                                      | IllMex. Ind.               |
| a. cuniculus Kies. 51–283<br>b. miser Kies. 51–290 |                     |                                                              | Fla. So.Cal.<br>Ariz. Man. |
| substriatus Kies. 51–290                           | Mich.               | limbatus Kies. 43–215                                        | miz. man.                  |
| c. mollinus Kies. 51–289                           |                     | luteolus Lec. 63-75                                          |                            |
| fatuus Kies. 51–292                                | Fla.                | americanus Sharp 87–772                                      |                            |
| 47. gemmatus Horn 90-9                             | WashNev.<br>So.Cal. | ( <i>Litorimus</i> Gozis 85–120) 53. auromicans Kies. 51–287 | CanTex. Ind.               |
|                                                    |                     | Jos. Wallowillia Ixios. 01 201                               | Can. Ica. Inc.             |

### **GEORYSSIDÆ**

Zaitzev 10

| Georyssus Latr. 09-377    |      | Georyssus Latr.               |      |
|---------------------------|------|-------------------------------|------|
| 9654. pusillus Lec. 52–44 | Neb. | 9655. californicus Lec. 74–51 | Cal. |

# DASCILLOIDEA

### DASCILLIDÆ

Leconte 52; Horn 80; Pic 14

### DASCILLINÆ

#### MACROPOGONINI

| Macropogonini                                                                                                                                                     |                                               |                                                                                                                                                     |                                                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--|
| Macropogon Mots. 45–38<br>9656. testaceipennis Mots. 59–36<br>57. piceus Lcc. 61–349<br>58. rufipes Horn 80–79                                                    | 62<br>Cal.<br>Mich. Or.<br>Mont.<br>N.H. Ill. | Eurypogon Mots. 9659. niger (Melsh.) 46–309 harrisi (Westw.) 62–374 lineatopunctatus Harris 34 60. californicus Horn 80–80 61. confusus Fall 02–239 | PaKan. Ind.<br>[Mich.<br>-mss.<br>Cal.<br>So.Cal. |  |
| Eurypogon Mots. 59-363<br>(Dasypogon Lec. 61-170)<br>(Sclerodes Westw. 62-374)                                                                                    |                                               | Allopogonia Ckll. 06–241<br>(Allopogon    Horn 80–80)<br>9662. villosus Horn 80–81                                                                  | Cal. So.Cal.                                      |  |
|                                                                                                                                                                   | Anchy                                         | FARSINI                                                                                                                                             |                                                   |  |
| <b>Anchytarsus</b> Guér. 43–194<br>9663. bicolor (Melsh.) 46–221<br>ater Guér. 49–15                                                                              | N.YGa.                                        | Anchytarsus Guér.<br>debilis (Zieg.) 46–269<br>fragilis‡ Horn 80–112                                                                                |                                                   |  |
|                                                                                                                                                                   | CNEOG                                         | LOSSINI                                                                                                                                             |                                                   |  |
| Odontonyx Guér. 43–194<br>9664. trivittis (Germ.) 24–76<br>ornata (Melsh.) 46–220                                                                                 | M.St.                                         | Stenocolus Lec. 53–228<br>9666. scutellaris Lec. 53–229                                                                                             | Cal.                                              |  |
| Anchycteis Horn 80–87<br>9665. velutina Horn 80–87                                                                                                                | Cal.                                          | <b>Aræopidius</b> Ckll. 06–241<br>( <i>Aræopus</i>    Lec. 74–57)<br>9667. monachus Lec. 74–57                                                      | Or.                                               |  |
|                                                                                                                                                                   | Dasci                                         | LLINI                                                                                                                                               |                                                   |  |
| Dascillus Latr. 96–43<br>(Atopa Payk. 99–116)<br>(Petalon Cast. 40–258)                                                                                           |                                               | Dascillus Latr. 9668. davidsoni Lec. 59–283 69. plumbeus Horn 80–84                                                                                 | Cal.                                              |  |
|                                                                                                                                                                   | Gene                                          | CERINI                                                                                                                                              |                                                   |  |
| <b>Anorus</b> Lec. 59–86<br>9670. piceus Lec. 59–87                                                                                                               | So. Cal.                                      | Anorus Lec.<br>9671. parvicollis Horn 94–365                                                                                                        | L. Cal. Ariz.                                     |  |
|                                                                                                                                                                   | Вкаснур                                       | SECTRINI                                                                                                                                            |                                                   |  |
| Brachypsectra Lec. 83–170<br>9672. fulva Lec. 83–170                                                                                                              | Tex.                                          |                                                                                                                                                     |                                                   |  |
| EUBRIINÆ                                                                                                                                                          |                                               |                                                                                                                                                     |                                                   |  |
| <b>Dicranopselaphus</b> Guér. 61–53 9673. varicgatus Horn 80–97                                                                                                   | lll. Md.                                      | Ectopria Lec.<br>tibialis Lec. 53-352                                                                                                               |                                                   |  |
| Ectopria Lec. 53–351<br>(Eurea Lec. 53–354)<br>(Eubria‡ Zieg. 44–222)<br>9674. nervosa (Melsh.) 44–222<br>a. tarsalis Lec. 53–352<br>b. thoracica (Zieg.) 44–269, | MassGaO.<br>[Ct. Ind.                         | Acneus Horn 80–97 9675. quadrimaculatus Horn 80–9 Eubrianax Kies. 74–246 <sup>1</sup> (Placonycha Horn 80–111) 9676. cdwardsi (Lec.) 74–57          | 98<br>Cal.<br>Cal. So. Cal.                       |  |
| EUCINETINÆ                                                                                                                                                        |                                               |                                                                                                                                                     |                                                   |  |

### EUCINETINÆ

| Eucinetus Germ. 18–255   | 9677. infumatus Lec. 53–356 | Cal. So. Cal. |
|--------------------------|-----------------------------|---------------|
| (Hamaxobium Duft. 25-79) | 78. oviformis Lec. 66–88    | Ill. Va. O.   |
| ( Nyctæa Berth. 27–338)  |                             | Mich.         |
| (Nycteus Blanch. 45–56)  | 79. testaceus Lec. 66–88    | CanPa.        |

<sup>&</sup>lt;sup>1</sup> This genus may be incorrectly placed. The larva resembles that of Psephenus.

| Eucinetus Germ.               |                 | Eucinetus Germ.             |        |
|-------------------------------|-----------------|-----------------------------|--------|
| 9680. punctulatus Lec. 75–172 | Mich. Va.       | 9683. strigosus Lec. 75–171 | Pa. O. |
| 81. morio Lec. 53–357         | Ill.Va.Ga.Ind.  |                             |        |
| 82. terminalis Lec. 53–357    | . Vt. Ill. Ind. | Euscaphurus Csy. 85–328     |        |
|                               | Mich. Man.      | 9684. saltator Csy. 85–329  | Cal.   |

### **HELODIDÆ** (=Cyphonidx)

Leconte 53; Horn 80 (Dascyllida); Pic 14

### HELODINÆ

| Helodes Latr. 96-44 ('Elodes) |                 | Cyphon Payk.                  |                   |
|-------------------------------|-----------------|-------------------------------|-------------------|
| ( <i>Helodes</i> Duv. 61–150) |                 | punctatus (Lec.) 53–354       | Fla.              |
| (Sacodes Lec. 53–356)         |                 | a. nebulosus (Lec.) 53–355    | Mich.             |
| (Hemicyphon Lec. 66–501)      |                 | 9699. padi (L.) 58-369        | Mass.Ind. Fla.    |
| 9685. apicalis Lec. 66–87     | Cal. So. Cal.   | • •                           | Can. Eur. Sib.    |
| 86. maculicollis Horn 80–104  | Can. N.H. Pa.   |                               | Mich.             |
| 87. pulchella Guér. 43–13     | ConnTex.        | pusilla (Guér.) 43–8          |                   |
| 88. fuscipennis Guér. 43–9    | PaTex. [Ind.    | 9700. americanus Pic 13–164   | Fla.              |
| thoracicus (Melsh.) 46–222    |                 | impressus    Lec. 78–57       |                   |
| 89. thoracica Guér. 43–14     | CanGa. Ind.     | 01. perplexus Blatch. 14–89   | Fla.              |
| %E: [D]                       |                 | 02. coarctatus Payk. 99–120   | Eur.& N.Am.?      |
| Microcara Thoms. 59–107       | O 74' 1         | •                             |                   |
| 9690. explanata Lec. 66–87    | Can. Mich.      | Prionocyphon Redt. 58-517     |                   |
| Cyphon Payk. 99-117           |                 | 9703. discoideus (Say) 25–161 | Pa. Mo. Ga.       |
| 9691. robustus Lec. 75–171    | N. Y.           |                               | Ind. Mich.        |
| 92. ruficollis (Say) 25–162   | Conn.Ga.Kan.    | 04. limbatus Lec. 66–87       | Pa. Ga.           |
| ?fragilis (Zieg.) 44–269      | [Ind. Nfld.     |                               |                   |
| marginicollis (Guér.) 43-3    |                 | <b>Ora</b> Clark 65–385       |                   |
| a. oblongus (Guér.) 43–13     |                 | 9705. troberti Guér. 61–545   | Tex. Fla.         |
| 93. brevicollis (Lcc.) 66–88  | Or. Cal.        | 06. texana Champ. 97–604      |                   |
| 94. exiguus Horn 80–107       | Cal. So. Cal.   | troberti‡ (Horn) 80–102       | Tex.              |
| 95. concinnus (Lec.) 53–353   | Cal. Nev. So.   | 07. hyacintha Blatch. 14-88   | Fla.              |
| ` ′                           | Cal.            | ·                             |                   |
| 96. obscurus (Guér.) 43–4     | Can. Ga. Ind.   | Scirtes Ill. 07-301           |                   |
| pallipes (Lec.) 53–354        |                 | 9708. tibialis Guér. 43–3     | No. St. Can.      |
| 97. collaris (Guér.) 43-4     | Mass.Ga. Ind.   | solstitialis Melsh. 44–223    | [Ind.Fla.         |
| bicolor (Lec.) 53–355         |                 | 09. orbiculatus (Fab.) 01–503 | M.StM.Mex.        |
| 98. variabilis (Thunb.) 85–54 | Ind. H. B. T.   | centralis (Say) 24–88         | [Ind.             |
| ·                             | Fla.Tex.Vanc.   | lateralis Lcc. 53–356         | The second second |
|                               | So. Cal. Conn.  | a. ruficollis Lec. 68–53      |                   |
| fuscipes Kby. 37–245          | Eur. Sib. Alas. | b. suturalis Zieg. 46–44      |                   |
| modestus (Lec.) 53–355        | Fla. [Mich.     | 10. californicus Mots. 45–35  | Cal.              |
| ovalis Say 25–161             |                 | 11. plagiatus Schffr. 06–115  | Ariz.             |
| piceus (Lec.) 53–354          | Mich.           | 12. ĥumeralis Horn 95–244     | L. Cal.           |
|                               |                 |                               |                   |
|                               |                 |                               |                   |

### PTILODACTY LINÆ 1

| T - 1 1 - 4 1 - Cl - 07 050    |       | Th4:1- 34-1- TII                               |                   |
|--------------------------------|-------|------------------------------------------------|-------------------|
| Lachnodactyla Champ. 97–658    |       | Ptilodactyla Ill.                              | 70.07 (1) T11 T 1 |
| 9713. arizonica Schffr. 06–114 | Ariz. | 9716. serricollis (Say) 23–186                 | M.St.Fla.Ind.     |
| 14. texana Schffr. 06–114      | Tex.  | elaterina Guér. 29–45<br>fusca (Melsh.) 46–221 | [Conn.Mo.         |
| Ptilodactyla Ill. 07–342       |       | Tusca (Meisii.) 40-221                         |                   |
| 9715. angustata Horn 80–91     | Fla.  |                                                |                   |

### CHELONARIIDÆ

**Chelonarium** Fab. 01-101 9717. lecontei Thom. 67-84

Fla.

<sup>1</sup> Out of place here, but difficult for the author to place better elsewhere.

### DERMESTIDÆ

Leconte 54; Jayne 82; Cascy 00; Dalla Torre 11; Arrow 15

#### BYTURINÆ

Grouvelle 13

| <b>Byturus</b> <sup>1</sup> Latr. 96–69 |              | Byturus Latr.                 |               |
|-----------------------------------------|--------------|-------------------------------|---------------|
| ?( <i>Trixagus</i> Kug. 94–534)         |              | 9719. brevicollis Csy. 16–179 | ?             |
| (Horticola Lindem. 65–14                | 8)           | 20. punctatus Csy. 16–178     | D.C.          |
| 9718. unicolor Say 23–127               | Ariz. Wash.  | 21. grisescens Jayne 82–345   | Cal. (Nfld.?) |
| •                                       | Atl.St. Ind. | 22. inflatulus Csy. 16–177    | Cal.          |

### THYLODRIINÆ

Thylodrias <sup>1</sup> Mots. 39–75 ( Thelydrias G. & H. 68–1704) (Ignotus Slosson 03–183) Thylodrias Mots. 9723. contractus Mots. 39–76 Cosmop. enigmaticus Slosson 03–183 N. Y.

#### DERMESTINÆ

### DERMESTINI

| Dern  | nestes L. 67–561            |                 | Derm  | nestes L.                |                |
|-------|-----------------------------|-----------------|-------|--------------------------|----------------|
| 9724. | marmoratus Say 23-197       | TexCal.         |       | ?sobrinus Lec. 54–108    |                |
|       | ·                           | Ariz.           | 9732. | vulpinus Fab. 81–64      | Cosmop. Ind.   |
| 25.   | caninus Germ. 24–84         | Ind. Atl. St.   |       | •                        | Conn. Fla. So. |
|       |                             | Can. Fla. Ariz. |       |                          | Cal. Ariz.     |
|       | nubilus Say 32–3            |                 |       | maculatus‡ Sz. 78–444    |                |
|       | dissector Kby. 37–115       |                 | 33.   | truncatus Csy. 16–180    | Ariz.          |
|       | murinus Lec. 54-108 (nec l  | L.)             |       | frischi Kug. 92-478      | †Eur.& N.Am.   |
|       | tessellatus   Hbst. 92–122  | ,               |       |                          | Fla. N.J.Va.   |
| _ a.  | compactus Csy. 00–141       | Tex.            |       |                          | Ia.            |
| b.    | mannerheimi Lec. 54–107     | Pac.Coast       | 35.   | nidum Arrow 15           | •              |
|       |                             | Ariz.           |       | elongatus   Lec. 54–109  | S.&W.St. Ind.  |
| c.    | nubipennis Csy. 00–141      | IaFla.          |       | 0 11                     | Fla.           |
|       | nubilus Lec. 54–107 (nec Sa | ıy)             | 36.   | cadaverinus Fab. 75–55   | Cosmop. Fla.   |
| 26.   | cylindricus Csy. 16–181     | Mass.           | a.    | domesticus Germ. 24–83   | Sib. & N.Am.   |
| 27.   | rattus Lec. 54–108          | Or.             | 37.   | lardarius L. 58–354      | Greenl.†       |
| 28.   | tristis Fall 97–244         | So.Cal.Is.      |       |                          | Cosmop. Ind.   |
|       | medialis Csy. 00–141        | Cal.            | a.    | ?conjunctus Reit. 87-173 | H.B.T. [Lab.   |
| 29.   | fasciatus Lec. 54–107       | WyN.Mcx.        |       | signatus Lec. 74–50      | Vanc. N.Mex.   |
| 30.   | talpinus Mann. 43–257       | Id.Nev. Cal.    |       | pulcher Lec. 54–108      | S.M.W.St.Ill.  |
|       | •                           | Ind. Ariz.      |       | angustus Csy. 00–143     | Tex.           |
| 31.   | carnivorus Fab. 75–55       | Tex. Ariz. So.  |       |                          |                |
|       | mucoreus Lec. 54-108        | [Cal.Cosmop.    |       |                          |                |

### ATTAGENINI

| Attagenus Latr. 02–121 (Megatoma Guér. 29–65 ne 9741. pellio L. 58–355  42. piceus Oliv. 90–10  megatoma Fab. 98–71                             | c Herbst) †Eur.& N.Am. R.I.N.S.Can. Mich. N.Y. Greenland.† So.Cal.Eur.& N.Am. Ind. AtlPac. | Attagenus Latr.  9747. rufipennis Lec. 59–71  48. bicolor Harold 68–104                                  | UtCal. Ia.  NebUt. Can. Ind. Cal. N.Mex. |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------|
| 43. schaefferi Hbst. 92–93<br>44. extricatus Csy. 00–146<br>45. deficiens Csy. 00–146<br>46. cylindricornis Say 25–185<br>spurcus Lec. 54–109 Q | Eur. &N. Am. Pa. [Id.Wy. D.C. Va. Ia. Neb. Mo.                                             | Dearthrus Lec. 62-108<br>9754. longulus Lec. 63-73<br>Novelsis Csy. 00-148<br>9755. horni (Jayne) 82-356 | Atl. St. Ind. ArizPac.                   |

<sup>&</sup>lt;sup>1</sup> The correct position of these genera is doubtful; it seems best to isolate Thylodrias, at least as a subfamily, to be consistent with rank assigned to the others.

† Introduced.

| Novelsis Csy.                                        |                             | Novelsis Csy.                                              |                         |
|------------------------------------------------------|-----------------------------|------------------------------------------------------------|-------------------------|
| 9756. byturoides Csy. 00–148                         | Ariz.                       | (Paranovelsis Csy. 00–148)                                 | 4 * D                   |
| 57. perplexus (Jayne) 82–356                         | Nev.                        | 9760. varicolor (Jayne) 82–357                             | ArizPac.                |
| 58. uteana Csy. 00–148                               | Ut.<br>Ariz.                |                                                            |                         |
| 59. pieta Csy. 00–149                                | AIIZ.                       |                                                            |                         |
|                                                      | MEGAT                       | FOMINI                                                     |                         |
| Perimegatoma Horn 75–135                             |                             | Acolpus Jayne 82–360                                       |                         |
| 9761. jaynei Csy. 00–150                             | Cal.                        | 9795. primus Jayne 82–361                                  | Tex. Fla.               |
| 62. guadalupensis Csy. 00–150                        | Guad.                       | •                                                          |                         |
| 63. ampla Csy. 00–150                                | Cal.                        | Thaumaglossa Redt. 68–43                                   |                         |
| 64. variegata Horn 75–136                            | Cal.                        | (Axinocerus Jayne 82–367)                                  |                         |
| 65. nevadica Csy. 00–150                             | Nev.                        | 9796. americana Jayne 82–368                               | Tex. Ariz.              |
| 66. impressa Csy. 00–150                             | Utah                        |                                                            |                         |
| 67. monticola Csy. 00–151<br>68. falsa Horn 75–136   | Wy.<br>Cal.                 | Cryptorhopalum Guér. 38–67                                 |                         |
| — ?cylindrica (Kby.) 37–113                          | H.B.T.                      | 9797. filitarse Csy. 00–156                                | Cal.                    |
| ?angularis (Mann.) 53–216                            |                             | 98. reversum Csy. 00–156                                   | N.Mex.                  |
| *                                                    |                             | 99. tuckeri Csy. 16–192                                    | Ariz.                   |
| 69. belfragei (Lec.) 74–50                           | Tex.                        | 9800. coloradense Csy. 16–192                              | Colo.<br>Ariz.          |
|                                                      |                             | 01. pruddeni Csy. 00–156<br>02. insigne Csy. 16–191        | N.Mex.                  |
| <b>Trogoderma</b> Latr. 29–511                       | Ia.Ind.So.Cal.              | 03. balteatum Lec. 54–111                                  | Ariz. So.Cal.           |
| 9770. ornata Say 25–185<br>pusilla Lec. 54–111       | [Conn.                      | 04. festivum Csy. 00–156                                   | Tex.                    |
| pallipes Zieg. 44–269                                | [Com.                       | 05. hæmorrhoidale Lec. 24–170                              |                         |
| 71. serriferum Dalla Torre 11–                       | 70                          |                                                            | Tex. Ind.               |
| serrigera    Csy. 00–153                             | Tex.                        | 06. pallens Csy. 16–193                                    | Tex.                    |
| 72. procera Csy. 16–185                              | L. I.                       | 07. anthrenoides Csy. 16–194                               | Ariz.                   |
| 73. parvula Csy. 16–186                              | Va.                         | 08. apicale Mann. 43–258                                   | Or. So.Cal.             |
| 74. tarsalis Melsh. 44–116                           | Conn. L.I. Pa.              | 00 fortirals Car 16 104                                    | Nev. Ariz.              |
| 75. pollens Csy. 00–153                              | Cal. [Va.                   | 09. fontinale Csy. 16–194<br>10. dorcatomoides Csy. 00–157 | N.Mex.                  |
| 76. complex Csy. 00–153                              | Tex.                        | 11. obesulum Csy. 00–157                                   | Tex.                    |
| 77. caseyi Arrow 15–429<br>variipes    Csy. 00–153   | Cal.                        | 12. granum Csy. 00–157                                     | Ariz.                   |
| 78. sternalis Jayne 82–363                           | CalTex.Ariz.                | 13. anthrax Csy. 00–157                                    | Ariz.                   |
| 79. cylindrella Csy. 16–187                          | N. Mex.                     | 14. caseyi Dalla Torre n.m.                                |                         |
| 80. simulans Csy. 00–153                             | So. Cal.                    | affine    Csy. 00–157                                      | Cal.                    |
| 81. virginica Csy. 00–154                            | Va.                         | 15. piceum Csy. 16–198                                     | Cal.                    |
| 82. oblongula Csy. 00–154                            | Tex.                        | 16. ruficorne Lec. 54–111                                  | Ga. N.C. Fla.           |
| 83. plagifera Csy. 16–187                            | Colo.                       | 17. fusculum Lec. 54–111                                   | Ariz. Cal.<br>Tex.      |
| 84. aspericollis Csy. 00-154                         | Ariz.                       | 18. modestum Csy. 00–157<br>19. fusciclave Csy. 00–157     | Tex. Ut.                |
| 85. versicolor Creutz. 99–117<br>inclusa Lec. 54–110 | Cosmop. MassS.C.            | 20. uteanum Csy. 16–195                                    | Utah                    |
| 86. frosti Csy. 16–188                               | Mass. [Ind.                 | 21. nephianum Csy. 16–196                                  | Utah                    |
| 87. nigrescans Csy. 16–188                           | Mo.                         | 22. aridum Csy. 16–196                                     | Ut. & Cal.              |
| 88. brunnescens Čsy. 16–189                          | D.C.                        | 23. pumilum Csy. 00–157                                    | Ariz.                   |
| 89. scabripennis Csy. 16–189                         | D.C.                        | 24. triste Lec. 54–111                                     | Cal. Fla.?              |
| 90. brevis Csy. 00–154                               | Cal.                        | nigricorne Lec. 61–344                                     | [Ariz.?                 |
| 91. obsolescens Csy. 00–154                          | Ind. Mo.                    | 25. picicorne Lec. 54–111<br>26. grisescens Csy. 16–195    | Mass. Pa. Ind.<br>Ariz. |
| 92. advena Csy. 00–154                               | Ariz.<br>Fla.               | 27. bakeri Csy. 16–197                                     | Cal.                    |
| 93. fascifera Blatch. 14–67                          | ra.                         | 28. floridanum Csy. 16–198                                 | Fla.                    |
| 94. simplex Jayne 82–362                             | W.St. Ariz.                 | -                                                          |                         |
| 0 1. 2p. 0 a.j no 02 002                             |                             |                                                            |                         |
|                                                      | Anthr                       | ENINI                                                      |                         |
| Anthrenus Fab. 75-61                                 |                             | Anthrenus Fab.                                             |                         |
|                                                      | Eur. & N.Am.                | (Nathrenus Csy. 00–161)                                    |                         |
|                                                      | So.Cal. Ind.                | 9835. verbasci (L.) 67–568                                 | Eur. & N.Am.            |
| a. flavipes Lec. 54–112                              | N.Y.                        | : 13 1 75 00                                               | So.Cal. Ind.            |
| 9830. thoracicus Melsh. 46–117                       | PaTex. Ind.<br>Cal. So.Ill. | varius Fab. 75–60                                          | Ariz. (Fla.?)           |
| 31. occidens Csy. 00–160<br>nevadicus Csy. 00–160    | Nev.                        | a. pistor Csy. 00–161<br>b. vorax Csy. 00–161              | Va.<br>Ind.             |
| a. pictus Csy. 00–160                                | Cal.                        | c. destructor Melsh. 46–116                                | Ia.                     |
| 32. lepidus Lec. 54–122                              | Cal.                        | 36. fasciatus Herbst 97–337                                | †Eur.&N.Am.             |
| suffusus Csy. 00–160                                 | Cal.                        | a. seminiveus Csy. 16–199                                  | D.C. [Ga.               |
| a. obtectus Csy. 00–160                              | Cal.                        |                                                            |                         |
| b. conspersus Csy. 00–160                            | Cal.                        | (Florilinus Muls. & Rey 67                                 |                         |
| 33. acomanus Csy. 16–200                             | N.Mex.                      | 37. museorum (L.) 61–145                                   | Greenl. †Eur.           |
| 34. parvus Csy. 00–161                               | Tex.                        | , ,                                                        | & N.Am.                 |
|                                                      | † Intre                     | oduced.                                                    |                         |

† Introduced.

|                                                                                                                                                 | 2,,,,,                                 |                                                                                                                                                      |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Anthrenus Fab. 9838. castaneæ Melsh. 46–116 ?adspersus Herbst 97–332 carolinæ Csy. 00–162 a. angustulus Csy. 00–162 39. caseyi Dalla Torre n.m. | Pa. Ind.<br>N.Am.<br>N.C.<br>Tex.      | claviger Er. 46–458                                                                                                                                  |                                                                                   |
|                                                                                                                                                 | Trino                                  | DINI                                                                                                                                                 |                                                                                   |
| <b>Apsectus</b> Lec. 54–113<br>9841. hispidus (Melsh.) 46–117                                                                                   | Tex.                                   |                                                                                                                                                      |                                                                                   |
|                                                                                                                                                 | Опрні                                  | LINI                                                                                                                                                 |                                                                                   |
| Orphilus Er. 46–461<br>9842. æqualis Csy. 00–164<br>43. subnitidus Lec. 61–344<br>44. ater Er. 46–463<br>45. chalybeus Csy. 00–164              | Ariz. Or. CalColo. Ind. L.Sup Id. [Ga. | glabratus (Fab.) 01–109                                                                                                                              | Eur. & N.Am.<br>So.Cal.?<br>Fla. AtlPac.<br>Ariz.                                 |
|                                                                                                                                                 | BYRRI                                  | HIDÆ                                                                                                                                                 |                                                                                   |
| Leconte 54                                                                                                                                      | 4; Horn 79; Dall                       | e Torre 11; Casey 89, 12                                                                                                                             |                                                                                   |
|                                                                                                                                                 |                                        |                                                                                                                                                      |                                                                                   |
| Nosodendron Latr. 04-146<br>(Dendrodipnis Woll. 73-33)<br>9847. unicolor Say 24-274                                                             | NOSODEN<br>N.Ill. Kan.<br>Ind.         | Nosodendron Latr.                                                                                                                                    | Cal. So.Cal.                                                                      |
|                                                                                                                                                 | BYRRE                                  | IINÆ                                                                                                                                                 |                                                                                   |
|                                                                                                                                                 | Ganglba                                |                                                                                                                                                      |                                                                                   |
|                                                                                                                                                 | Pedilop                                |                                                                                                                                                      |                                                                                   |
| Morychus Er. 47–491<br>(Pedilophorus‡ auct.)<br>9849. oblongus (Lec.) 57–39<br>acuminatus‡ (Lec.) 54–115<br>50. insulsus Csy. 12–8              | Or.Wash.D.C. B.C.                      | Tylicus Csy. 12–10                                                                                                                                   | L.Sup. (Lab.?) Alas.                                                              |
| 51. subsetosus (Fall) 07–224<br>52. acneolus (Lec.) 63–74<br>53. hesperus (Wickh.) 03–182                                                       | Mont.<br>Neb.<br>Colo.                 | 58. formosus Csy. 12–12                                                                                                                              | No.Cal.<br>No.Cal.                                                                |
| 54. subcupreus (Fall) 07–225<br>55. lateralis (Fall) 07–225                                                                                     | Wash.                                  | Eusomalia Csy. 12–13<br>9860. lecontei (Wickh.) 03–180                                                                                               | Id.                                                                               |
|                                                                                                                                                 | Simploc                                | ARIINI                                                                                                                                               |                                                                                   |
| Simplocaria Steph. 30–139<br>9861. columbica Csy. 12–15<br>62. tessellata (Lec.) 50–224                                                         | B.C.<br>L.Sup. N.H.                    | Simplocaria Steph.<br>?metallica Sturm 07–111                                                                                                        | Eur.&Bor.<br>Am.Green-<br>land,Lab.Alas.<br>N.H. L.Sup.                           |
|                                                                                                                                                 |                                        |                                                                                                                                                      | Colo.                                                                             |
|                                                                                                                                                 | Byrre                                  | IINI                                                                                                                                                 |                                                                                   |
| b. longulus Csy. 12-18                                                                                                                          | N.HL.Sup.<br>Man.                      | Byrrhus L. 67–568 9866. pettiti Horn 70–76 67. cyclophorus Kby. 37–117 68. brunnescens Csy. 12–21 69. americanus Lec. 50–224 a. neglectus Csy. 12–22 | Ind. Can.<br>Alas.Lab.<br>L.Sup. [Mich.<br>N.JL.Sup.<br>Ind. Lab.<br>N.H.<br>Man. |
| 65. nigrans Csy. 12–19                                                                                                                          | Tille.                                 | b. manitobæ Csy. 12–22                                                                                                                               | .·a11•                                                                            |

<sup>&</sup>lt;sup>1</sup> The affinities of Nosodendron are not entirely established; it has been placed in Cucujoidea as a family near Ostomidæ by some authors.

# Byrrhidæ

| Byrrhus L.  9870. imperitus Csy. 12–22 71. angustulus Csy. 12–22 72. concolor Kby. 37–117 a. pacificus Csy. 12–23 73. geminatus Lec. 54–114 74. perditus Csy. 12–24 75. criddlei Csy. 12–24 76. torpidus Csy. 12–25 77. callidus Csy. 12–25 78. laramiensis Csy. 12–26 79. rigens Csy. 12–26 80. eximius Lec. 50–224 81. canterius Csy. 12–27 82. centralis Csy. 12–27 83. explicatus Csy. 12–27 84. fulvovestitus Csy. 12–27 85. stolidus Csy. 12–28 | Lab. Man. B.C. Wash. Ill. L.Sup. Or. ?Lab. Man. Lab. Or. Wy. Man. Wis. L.Sup. Colo. Id. Colo. Or. Wash.                            | Byrrhus L.  9890. vafer Csy. 12-30  91. wickhami Csy. 12-31  92. consuctus Csy. 12-31  Porcinolus Muls. 69-94  9893. undatus (Melsh.) 44-117  glabellus (Melsh.) 44-118  ?murinus (Fab.) 94-437  a. hystrix Csy. 12-33  94. crescentifer Csy. 12-32  Syncalypta Steph. 30-133  9895. spinosa (Rossi) 94-81  Curimopsis Gangl. 02-50                                                                                           | Colo. Id. B.C.  Pa. Ind. N.Y. Pa. Mich. Eur. Sib. Man. Kan.  †Eur.&N.Am. N.Y. Conn.                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 86. difficilis Csy. 12–29 87. egenus Csy. 12–29 88. fasciatus Forst. 71–12  89. kirbyi Lec. 54–114 picipes    Kby. 37–116                                                                                                                                                                                                                                                                                                                             | N.H. B.C. Greenland. Alas. L.Sup. Lab. [Nfld.                                                                                      | 9896. albonotata (Lec.) 61–344<br>97. strigosa (Melsh.) 44–118<br>98. echinata (Lec.) 50–224<br>99. setulosa (Mann.) 53–216<br>9900. grisea (Lec.) 79–514<br>01. brevicollis Csy. 12–35                                                                                                                                                                                                                                       | Wash. Ga. D.C. L.Sup. Man. Alas. Colo. Wash.                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ехоми                                                                                                                              | ELLINI                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                |
| <b>Exomella</b> Csy. 14-378 ( <i>Exoma</i>    Csy. 08-282)                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                    | Exomella Csy. 9902. pleuralis Csy. 08-282                                                                                                                                                                                                                                                                                                                                                                                     | B.C.                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LIMNI                                                                                                                              | CHINÆ                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Limni                                                                                                                              | CHINI .                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                |
| Limnichites Csy. 89–146                                                                                                                                                                                                                                                                                                                                                                                                                               | So.Cal. Tex. Cal. Ind.Pa. Ia. La. Ill.Mich. [Tex. Va. Tex. Cal. Tex. Mich.  Cal.Tex.Ariz. Ariz. Colo. Cal. So.Cal. N.Y. Fla. Colo. | Eulimnichus Csy. 9915. perpolitus Csy. 89-147 16. evanescens Csy. 12-49 17. ater (Lec.) 54-117 18. nitidulus (Lec.) 54-117 19. sculpticeps Csy. 12-50  Lichminus Csy. 89-146 9920. tenuicornis Csy. 89-155  Limnichoderus Csy. 89-156 22. pulvereus Csy. 12-54 23. ovatus (Lec.) 54-117 24. seriatus Csy. 89-158 25. floridanus Csy. 12-55 26. lutrochinus (Lec.) 79-515 27. lanosus Csy. 12-56 28. punctiventris Csy. 89-159 | MissN.Mex. So.Cal.[So.Cal. N.C. Fla. La. Ga. Fla. Ind. R.I.  No.Cal.So. Cal.  TexSo.Cal. Tex. GaLa.Fla. Fla. Fla. [Ind. Fla. Tex. Tex. Tex. Fla. Fla. Fla. Fla. Fla. Fla. Fla. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Bothrio                                                                                                                            | PHORINI                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                |
| Physemus Lec. 54-117<br>(Ditaphrus Csy. 86-250)<br>(Bothriophorus‡ auct.)                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                    | Physemus Lec.<br>9929. minutus Lec. 54–117<br>scymnoides Csy. 86–252                                                                                                                                                                                                                                                                                                                                                          | TexSo.Cal.<br>Tex. [Ariz.                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                       | AMPHIC                                                                                                                             | YRTINÆ                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Амрніс                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                |
| Lioligus Csy. 12–60<br>9930. striolatus Csy. 12–61<br>31. keeni Csy. 12–61<br>32. æquabilis Csy. 12–62<br>33. pallidus Csy. 12–62<br>34. nitidus (Mots.) 45–362                                                                                                                                                                                                                                                                                       | B.C.<br>B.C.<br>Vanc.<br>Id.<br>Alas.                                                                                              | Amphicyrta Er. 43–39 (Eucyphus Mann. 52–341) 9935. chrysomelina Er. 43–40 a. oblonga Csy. 12–64 b. parvuliceps Csy. 12–65 36. elongata Csy. 12–65                                                                                                                                                                                                                                                                             | Cal.<br>Cal.<br>Cal.<br>Cal.                                                                                                                                                   |

Amphicyrta Er.

9937. dentipes Er. 43-40 Cal. So.Cal. hybosoroides (Mann.) 43-287

Amphicyrta Er.

a. ventricosa Csy. 12-66 Cal. 9939. nevadensis Csy. 12-66 Nev.

LIOONINI

**Lioon** Csy. 12-67

9940. speculare Csy. 12-68 41. puncticeps Csy. 12-69

38. gentilis Csy. 12-66

B.C. No.Cal.

Cal.

Lioon Csy.

9942. simplicipes (Mann.) 52-342 Alas. 43. inflatum (Lec.) 68-62

### RHYSODOIDEA

#### RHYSODIDÆ

Leconte 75; Gestro 10

Rhysodes Dalm. 23-93

9944. americanus Lap. 36-58

?exaratus || Serv. 25-308 aratus Newn. 38-664 piceus Germ. 40-345

Atl.St.-Mo. Ind. Fla. Ia.

N.Y.Mich.Ga. Eur.

Rhysodes Dalm.

9945. hamatus Lec. 75–163 aratus | Chev. 73–209

Clinidium Kby. 35-6

9946. sculptile Newn. 38-666 conjugens Germ. 40-351

47. calcaratum Lec. 75–164

Atl.St. Ind. Vanc. Or.

Cal. So.Cal.

# CUCUJOIDEA

### OSTOMIDÆ 1

(Temnochilidæ Trogositidæ)

Horn 62; Reitter 75, 76; Léveillé 10; Van Dyke 15, 16; Schaeffer 15, 18; Casey 16

#### TENEBROIDINI

### Nemozoma Latr. 04–239

(Nemosoma auct.) ( Nemozoma Latr. s. str.)

9948. attenuatum Van D. 15-27 Cal.

(Monesoma Lév. 94-144) (Pseudalindria Fall 10–126)

49. fissiceps (Fall) 10-127 Cal.

Or. 50. punctatum Van D. 16-71

51. schwarzi Schaef. 18-191 Ariz.

Cylidrella Sharp 91–389

9952. championi Wickh. 16-147 Col. Ariz.

Corticotomus Sharp 91–390

(Nemosoma Lec. & Horn)

N.J. Pa. Ala. N.E.U.S. 9953. depressus Schaef. 18–192

54. parallelus (Melsh.) 44–10855. caviceps (Fall) 10–127 Cal. Ariz. laeviventris Casey 16–105 N.Mex. Colo.

56. californicus Van D. 15–28 Cal.

E.U.S. Fla. 57. cylindricus (Lec.) 63–65

a. texanus Schaef. 18–193 Tex.

Parafilumis Csy. 16–107

9958. estriata Csy. 16–107 Or.

Euschaefferia Leng n. m. Stenodema || Schaef. 18–193

N.C. 9959. hicoriæ Schaef. 18–193

## Airora Reit. 76-18

(Alindria Lec. & Horn nec Er.)

9960. minuta Schaef. 18-194 Ariz.

61. æqualis Reit. 77–172 Cal.

62. polita Csy. 16–111 Cal.

Ariz.

63. punctiventris Csy. 16–110 64. bicolor Csy. 16–110 Cal.

65. teres (Melsh.) 46-64 Pa.

66. cylindrica (Serv.) 28–719 E.St. Ind. Fla.

niger (Melsh.) 46-63 Pa.

67. nigrella (Melsh.) 46-63 Pa.

### Temnochila Westw. 35-231

(Trogosita Oliv. 90-5 pars.)

9968. hubbardi Lév. 88–417 69. barbata (Lec.) 63–65 70. yuccæ (Cr.) 74–75 Fla.

L.Cal.

S.Cal.

71. edentata Schaef. 18–194 Ariz.

72. acuta (Lec.) 58-63 Tex.73. peninsularis Schaef. 18-196 L. Cal.

74. aerea (Lec.) 58-63 S. Cal. Ariz. nyenta Dow 12-70 Ariz.

75. prosternalis Schaef. 18-197 Ariz.

E. St.

76. virescens (Fab.) 75–817 a. chlorodia (Mann.) 43–301 Pac.Coast.

viridicyanea (Mann.) 43–301 Cal.

cyanea (Reit.) 75–28

obscura Reit. 75–18

Not.N.Am.

<sup>&</sup>lt;sup>1</sup> The Mss. for this family was written by Mr. Charles Schaeffer; except for the substitution of Euschaefferia for the preoccupied name Stenodema.

| Tenebroides Pill. & Mitt. 83–87           | Tenebroides Pill. & Mitt.                      |
|-------------------------------------------|------------------------------------------------|
| ( Tenebrioides Pal.)                      | 9990. americanus (Kby.) 37–166 E.St.           |
| (Trogosita Oliv. 90-5 pars.)              | castaneus (Melsh.) 44–109 Fla.                 |
| 9977. mauritanicus (L.) 58–417 Cosmop.l   | E.& a. nigritus (Horn) 62–86 Kan.              |
| W.S.Fla.                                  | 91. laticollis (Horn) 26–86 S.St. Utah         |
| a. nitidus (Horn) 62–83 Pa. D. C          | obscurus Horn 62–87                            |
| 78. crassicornis (Horn) 62–83 Cal.        | 92. nanus (Melsh.) 44–110 Pa. Ala. Tex.        |
| pleuralis (Horn) 62–84 Cal.               | 93. sonorensis Sharp 91-418 Mex.Ariz.Tex.      |
| 79. californicus (Horn) 62–83 Cal.        | debilis Fall 10–128 Tex.                       |
| 80. sinuatus (Lec.) 61–344 Cal. Or.?      | 94. corticalis (Melsh.) 44–109 E.St. Ind. Fla. |
| 81. soror (Duv.) 57–252 S. Fla.           | dubia (Melsh.) 44–110 Pa. Fla. Ind.            |
| foveatus Blatch. 17–142 Fla.              | a. intermedius (Horn) 62–84 E.S.Kan.           |
| 82. occidentalis Fall 10–128 Mont. Co     | l. Ut. 95. limbalis (Melsh.) 44–109 Pa. O.     |
| N.Mex. A                                  |                                                |
| 83. tenuistriatus Fall 10–128 Ariz. N.I   |                                                |
| 84. bimaculatus (Melsh.) 44–110 N. E. St. | 97. obtusus (Horn) 62–87 Pa. Ala.              |
| 85. semicylindricus(Horn)62–85Ga. Ala.    |                                                |
| subaenea (Reit.) 75–77 Tex.               | — subnigra (Beauv.) 11–127 N.Am.               |
| 86. floridanus Schaef. 18–199 Fla.        | — mutica (Beauv.) 11–126 N.Am.                 |
| 87. rugosipennis (Horn) 62–87 Pa.         | — pusillima Mann. 43–303 Alas.                 |
| 88. arizonensis Schaef. 18–198 Ariz.      | — opaca Reit. 75–69 N.Am.                      |
| 89. collaris (Sturm) 07–246 E.St.Fla.     | — patruelis Reit. 75–70 S.C.                   |
| nigripennis Lac. 54–344                   |                                                |
|                                           | •                                              |

### OSTOMINI (Leperinini)

| Calitys Thoms. 59–71                    |                | Ostoma Laich.                     |                   |
|-----------------------------------------|----------------|-----------------------------------|-------------------|
| ( Nosodes Lec. 62–88)                   |                | 10004. nigrina Csy. 16–284        | B.C.              |
| 9998. scabra Thunb. 84–15               | Eur. N.Am.     | 05. pippingskoeldi (Mann.) 55     |                   |
|                                         | Ariz.          | oor prepringence are areas of     | Alas. Cal.        |
| serrata Lec. 59–84                      | Wash. Or. Cal. | (Grynocharis Thoms. 59-9          | 11)               |
| silphides Newn. 38–378                  | Can.           | 06. oregonensis Schaef. 18–200    |                   |
| Eronyxa Reit. 76–57                     |                | 07. quadrilineata Melsh. 44–1     |                   |
| (Ostomodes Reit. 77–174                 |                | •                                 | Mich. Ind.        |
|                                         | C-1            | marginata Melsh. 44-104           | Pa.               |
| 9999. pallidus (Mots.) 63–508           | Cal.           | — grossa (L.) 58–361              |                   |
| dohrni Reit. 77–174                     | Cal.           | - oblonga (L.) 58–362             |                   |
| lagrioides (Reit.) 76–58                | Cal.           | obloliga (11.) 00 002             | Liui-Hotiv-filli- |
| 10000. pilosulus (Cr.) 74–77            | Or. S.Cal.     |                                   |                   |
| 01. angustus Csy. 16–284                | Id.            | Lophocateres Oll. 83–180          |                   |
| 02. expansus Van D. 16–72               | S.Cal.         | 10008. americanus (Mots.) 63-50   | 8 Ga.             |
| T 11 01 10                              |                | 09. pusillus (Klug.) 34–159       | †Siam S.C.Tex.    |
| Ostoma Laich. 81–107                    |                | 1 ( )                             |                   |
| (Peltis Kug. 91–508)                    |                |                                   |                   |
| (Zimioma des G. 86-11)                  |                | Thymalus Latr. 02–133             | 27.71.00 27.01    |
| 10003. ferruginea (L.) 58–361           | Eur. H.B.T.    | 10010. marginicollis Chev. 42-62  | N.E.St. Nfld.     |
|                                         | Pa. Colo.      | fulgidus Er. 44–458               |                   |
| septentrionalis (Rand.) 38              | -17            |                                   |                   |
| * * * * * * * * * * * * * * * * * * * * | Me.            | <b>Lycoptis</b> Csy. 90–311 & 494 |                   |
| fraterna (Rand.) 38–17                  | Me.            | 10011. villosa Csy. 90–312        | D.C. S.C.         |
| 214001144 (2141144) 00 11               |                | 10011. 111000 053. 00 012         | 2.3.5.5.          |

# NITIDULIDÆ

Murray 64; Horn 79; Grouvelle 13

# $\textbf{CATERETIN} \cancel{\textbf{x}} \ (= \text{Brachypterini Lec. 61})$

| Cateretes Hbst. 93-11                   | Cercometes Reit. 75–99                         |
|-----------------------------------------|------------------------------------------------|
| ( <i>Cereus</i> Latr. 96–68)            | 10016. abdominalis (Er.) 43–229 AtlColo. Ind.  |
| 10012. pennatus (Murr.) 64–235 Can. N.E |                                                |
| crinitus (Murr.) 64-237 & Tenn.         |                                                |
| 13. sericans (Lec.) 59–69 Cal. So.C     | al. 10017. urtice (Fab.) 92–235 †Atl.St. Colo. |
| 14. bipustulatus (Payk.) 98–286         | Kan. Nfld.                                     |
| Eur. & N                                |                                                |
| Am.? Ma                                 | 10. troglody tes muit. of 211 bib.oui.bo.oui.  |
| Anthonæus Horn 79–273                   | 19. globularius Murr. 64–245 Colo. Mex.        |
| 10015. agavensis (Cr.) 74–76 So.Cal.    | 20. schaefferi Grouv. 12–387 Tex.              |

† Introduced.

Brachypterus Kug. rotundicollis‡ Schfr. 05-146 (non Murr.)

Amartus Lec. 61-343

10021. tinctus (Mann.) 43-255 Cal. So.Cal. Amartus Lec.

ferrugatus Murr. 64-250 10022. rufipes Lec. 61–344

lateralis Mots. 72-354

Cal. So.Cal.

Cosmop. Ind. So.Cal. Conn.

Fla.

Ariz.

Ariz.

Cal.

Ariz. Mex.

M.&S.St.

L.Sup.

So.Cal.

Mex. Ariz.?

C-Am. U.S.

W.I. Ga. Fla.

Ind.Can.-Ariz.

So.Am.&U.S.?

Fla. Colo. Tex.

M & S.St. Ind.

L.Sup. [Ind.

[Cal.

[Fla.

Ariz. Cal. So.

Ariz.-L.Cal.

Fla. Ga. Tex. Mex. Ind.

#### MELIGETHINÆ

Mo. Kan.

Meligethes Steph. 30-30

10023. sævus Lec. 59-6 24. aeneus (Fab.) 75–78

Eur. & Cal. Or. Ind. brassicæ‡ Reit. 75-16 (non Scop.) So.Cal.

californicus Reit. 71–68 rufimanus Lec. 57-37

Meligethes Steph.

moerens Lec. 57-37

10025. mutatus Harold 68-827 Ind.N.Y.-Colo. ruficornis || Lec. 59-6 [Ariz.

26. seminulum Lec. 57-37 Or. L.Sup.

(Acanthogethes Reit. 71-49)

27. pinguis Horn 79–312 Nfld.

#### CARPOPHILINÆ

### CARPOPHILINI (Lec. 61, 82)

| Colopterus Er. 42–149       |                 |
|-----------------------------|-----------------|
| (Colastus Er. 43–236)       |                 |
| 10028. morio Er. 43–242     | Atl.St. Ind.    |
|                             | Fla.            |
| 29. maculatus Er. 43-244    | M.StTex.        |
|                             | Fla.            |
| 30. semitectus (Say) 25–182 | Atl.St.Ind.Fla. |
| 31. unicolor (Say) 25–183   | Atl.St. Fla.    |
| obscurus Er. 43–244         |                 |
| 32. truncatus (Rand.) 38–18 | Can. Fla. Tex.  |
|                             | T 1             |

infimus Er. 43–245 obliquus Lec. 58-62 b. limbatus Lec. 58-62 Ariz. c. triangularis Murr. 64–282

Brachypeplus Er. 42-148 (Leiopeplus Murr. 64-287) 10033. glaber Lec. 78–398

Conotelus Er. 43–249 Tex. C.-Am. M.St.-Fla. 10034. stenoides Murr. 64-338 35. obscurus Er. 43–352 Ind. Conn. 36. punctatus Schfr. 11–116 Fla. 37. mexicanus Murr. 64-337

Carpophilus Steph. 30-30 (Tribrachys Lec. 61–83) 10038. yuccæ (Cr.) 74–75 39. pallipennis (Say) 23-194 a. pallens Sharp 89-300 40. floralis Er. 43–261

41. floridanus Fall 10–122 42. hemipterus (L.) 58-358 Carpophilus Steph.

10043. dimidiatus (Fab.) 92-261 a. luridus Murr. 64–377 b. mutilatus Er. 43-258

45. rufiventris Schfr. 11–115

Cal. So.Cal.

Fla.

So.Cal.C.-Am.

So.Cal. Kan.-L.Cal. Ariz. Mex. & U.S.? Mex. & U.S. Fla.

[Ariz. Ind. Eur. & N.Am. Fla.So. Cal. Ariz. Can. Alas.

bimaculatus (L.) 67-569

44. longiventris Sharp 89–301 Mex. & Ariz.

46. deflexus Sharp 89–290 47. melanopterus Er. 43–262

a. rufus Murr. 64–371 48. longus Fall 10-123 49. rickseckeri Fall 10-124 50. tempestivus Er. 43–260 a. terminatus Murr. 64-389

51. decipiens Horn 79–279 52. niger (Say) 23–195 53. lugubris Murr. 64–255

54. californicus Schfr. 11–115 55. ignobilis Fall 10–124 ?lacertosus Murr. 64–354 56. marginatus Er. 43-262 57. corticinus Er. 43–263

58. brachypterus (Say) 25–183 Pa.-Can. Cal. carbonatus Lec. 59–6 L.Sup. [Ind. 59. discoideus Lec. 58-62 apicalis Lec. 59–6 caudalis Lec. 59-70

60. antiquus (Melsh.) 44-105 M.&S.St.Ind. punctulatus (Melsh.) 44–105

61. nitens Fall 10-125 Ala. 62. zuni Csy. 84–34 Ariz.

(Urophorus Murr. 64–342) 63. humeralis (Fab.) 98-74

Trop. Africa, &c.†Fla.

#### NITIDULINÆ

#### NITIDULINI Lec. 61, 82

[Fla.

Haptoncus Murr. 64–401 (Haptoncura Reit. 75-61) 10064. luteolus (Er.) 43-272 C-Am. Tex. texanus Cr. 74-76 Nitidula Fab. 75–77

10065. bipunctata (L.) 58–359 Eur.&N.Am.† Nitidula Fab. bipustulata (L.) 61–148 10066. nigra Schfr. 11–116

67. rufipes (L.) 67–573 obscura Fab. 76–215 ossium Kby. 37-106 68. ziczac Say 25–179

Can.Fla. Colo. Alas. [Ind. Eur. & N.Am. H.B.T.-Colo.

[Ind. Can.& U.S. Ariz.

† Introduced.

| Nitidula Fab.                                |                | Stelidota Er.                                      |                        |
|----------------------------------------------|----------------|----------------------------------------------------|------------------------|
| a. humeralis Lec. 59–70                      | L.Sup. Ind.    | 10099. octomaculata (Say) 25–181                   |                        |
| b. inornata Horn 79–303                      | [So.Cal.       | 4                                                  | Fla.                   |
| c. uniguttata Melsh. 46–106                  | Fla.           | 10100. strigosa (Gyll.) 08–140                     | S.C. Ga. Fla.          |
|                                              |                | lusca (Gyll.) 08–120                               | W. I.                  |
| Omosita Er. 43–298                           |                |                                                    |                        |
| 10069. colon (L.) 58–362                     | NfldFla. Ind.  | Prometopia Er. 43-279                              |                        |
|                                              | Eur.&N.Am.†    | 10101. sexmaculata (Say) 25–178                    |                        |
| 70. discoidea (Fab.) 75–78                   | Eur. & N.Am.   | 02. bidentata Schfr. 09–375                        | Ariz. [Fla.Ind.        |
| inversa Lec. 57–36                           | L.Sup. Colo.   |                                                    |                        |
|                                              | So.Cal.        | <b>L</b> obiopa Er. 43–291                         |                        |
| <b>Epuræa</b> Er. 43–267                     |                | 10103. insularis (Cast.) 40–10                     | W.I. & Gulf St.        |
| (Epuranella Cr.74–76) (S                     | Dadonora Th )  | decumana Er. 43–295                                |                        |
| (Omosiphora Reit. 75–56)                     | Dadopora III.) | 04. setosa Harold 68–104                           | M. StUt.               |
| 10071. monogama Cr. 74–76                    | VancCal.       | setulosa    Lec. 63–63                             |                        |
| 72. horni Cr. 74–76                          | Can.           | undulata (Horn) 79–307                             |                        |
| 73. helvola Er. 43–273                       | Ind. Atl.St    | 05. undulata (Say) 25–179                          | Ind. Fla. Ct.          |
| castanea (Melsh.) 46–106                     |                |                                                    |                        |
| rufa Reit. 73–28 (non Say                    |                | Soronia Er. 43-277                                 | ~                      |
| 74. rufa (Say) 25–180                        | Ind.Atl.&Gulf  | 10106. guttulata (Lec.) 63–64                      | CanNev.                |
| badia (Melsh.) 46–106                        | [St.L.Sup.     | 07. substriata Ham. 93–306                         | Can.                   |
| rotundicollis Reit. 73–25                    | [Sti2:Supi     | 08. brunnescens Blatch. 17–23                      |                        |
|                                              |                | — ?grisea H. and Sz. 78–634                        |                        |
| (Epuras. str.)                               | ~ .            |                                                    | Mich.                  |
| 75. integra Horn 79–292                      | Ariz. Colo.    |                                                    |                        |
| 76. ambigua Mann. 43–256                     | AlasCal.       | Phenolia Er. 43–299                                | ~                      |
| 77. erichsoni Reit. 73–25                    | CanGa.Ind.     | 10109. grossa (Fab.) 01–347                        | CanTex. Ind.           |
| 78. rufida (Melsh.) 46–106                   | Pa. Ind.       |                                                    |                        |
| 79. papagona Csy. 84–35                      | Ariz.          | Amphotis Er. 43–290                                | 7.5                    |
| 80. corticina Er. 43–270                     | Gulf St.Ind.   | 10110. ulkei (Lec.) 66–376                         | MassD.C.               |
| 81. terminalis Mann. 43–95                   | Eur. & N.Am.   | 11. schwarzi Ulke 87–77                            | Va.                    |
| a 1 25011 50 0                               | So.Cal.        | ††                                                 |                        |
| flavomaculata Mäkl. 53–2                     |                | Camptodes Er. 43–321                               | TD.                    |
| . 1 Ct 44 50                                 | Alas. Mass.    | 10112. texanus Schfr. 04–203                       | Tex.                   |
| immunda Sturm 44–59                          | L.Sup.         | A 1-1                                              |                        |
| infuscata Mäkl. 53–206                       | . Alaa         | Amphicrossus Er. 43–346                            | Ind. Mo. Ga.           |
| 82. adumbrata Mann. 52–336                   | U.S.& Can.So.  | 10113. ciliatus (Oliv.) 11–210                     | [Fla.                  |
| 83. avara (Rand.) 38–18<br>nubila Lec. 57–36 | [Cal.          | ?unilineatus (Say) 25–182<br>14. niger Horn 79–317 | Ariz.                  |
| 84. fulvescens Horn 79–296                   | Can.           | 14. higel 110th 19–311                             | 11112.                 |
| 85. duryi Blatch. 10–639                     | Ind.           | Cychramus Kug. 94-543                              |                        |
| 86. linearis Mäkl. 53–205                    | Alas. B.C.     | 10115. adustus Er. 43–346                          | Va. Ga. Mo.            |
| 87. truncatella Mann. 46–514                 |                | ,                                                  | Ind. Conn.             |
| nigra Mäkl. 53–204                           | [Colo.Lab.     | 16. zimmermanni Horn 79-319                        |                        |
| 88. planulata Er. 43–271                     | Alas. L.Sup.   |                                                    |                        |
| —   placida Mäkl. 53–203                     | Alas.          | Pocadius Er. 43–318                                |                        |
| — boreella (Zett.) 28–152                    | Eur.& N.Am.?   | 10117. helvolus Er. 43–320                         | Pa. Kan. Ga.           |
| , ,                                          | Can.?          | breviusculus Reit. 76–318                          | Mex. [Ind.             |
| *                                            |                | ferrugineus‡ Chev. 63-604                          | Cuba                   |
| 89. ovata Horn 79–298                        | Ind. Can. Cal. | infuscatus Reit. 73–94                             | Cuba                   |
|                                              | Mich. So.Cal.  | limbatus Reit. 73–95                               | Cuba                   |
| 90. alternans Grouv. 12–394                  | N.Mex.         | 18. fulvipennis Er. 43–319                         |                        |
| alticola    Fall 07–222                      |                | dorsalis Horn 79–311                               | Cal.                   |
| 91. peltoides Horn 79–298                    | Mich.Md.       | 19. basalis Schfr. 11–117                          | Ariz.                  |
| 92. depressa (Ill.) 98–386                   | Eur. & N.Am.   |                                                    |                        |
| aestiva    (Fab.) 75–77                      | Alas. Fla.     | Orthopeplus Horn 79-311                            |                        |
| 93. labilis Er. 43–272                       | Ind.MichGa.    | 10120. quadricollis Horn 79–312                    | Colo.                  |
| 94. umbrosa Horn 79–300                      | Okla. [Conn.   |                                                    |                        |
| 95. obtusicollis Reit. 73–24                 | D.C.           | Cyllodes Er. 43–342                                |                        |
| 96. scaphoides Horn 79–300                   | Colo.          | (?Strongylus Hbst. 92–179                          |                        |
| (Micrurula Reit. 84–209)                     |                | 10121. biplagiatus Lec. 66–377                     | Mass. Mich.            |
| 97. macrophthalma Reit. 73-                  | 26             | O F 40 071                                         |                        |
|                                              | N.Am.?         | Oxycnemus Er. 43–351                               |                        |
| Stalidata E. 49, 200                         |                | (Psilopyga Lec. 53–286)                            |                        |
| Stelidota Er. 43–300                         | Ind M & C.     | (Eugonio pus Reit. 84–264)                         |                        |
| 10098. geminata (Say) 25–181                 | Ind. M. & So.  | 10122. histrina (Lec.) 53–286                      | Pa. Ga. Mo. Ind. Conn. |
| biseriata Reit. 73–15                        | [Atl. St. Fla. |                                                    | mu. Comi.              |
| † Introduced                                 |                |                                                    |                        |

<sup>†</sup> Introduced. †† Of the genera that follow, Amphicrossus, Cychramus, Cyllodes, Pallodes and Oxycnemus (Psilopyga) constitute the tribe Cychramini (Horn 79) not recognized by Grouvelle.

| Oxycnemus Er.<br>10123. nigripennis (Lec.) 63-64<br>24. fasciatus (Sharp) 91-364 | Pa. N.J. Ind.<br>Mex. & Ariz. | Perthalycra Horn 79-309<br>10126. murrayi Horn 79-310       | Ariz. Nev<br>Or. So. Cal. |
|----------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------|---------------------------|
| Pallodes Er. 43–348<br>10125. silaceus Er. 43–350                                | M. & S. Atl. St.              | <b>Thalycra</b> Er. 43-305<br>10127. concolor (Lec.) 50-223 | L. Sup.                   |
| unistriatus‡ Horn 85–90<br>?pallidus Beauv. 05–157                               | [Fla. Ind.                    | Quadrifrons Blatch. 16–92<br>10128. castaneus Blatch. 16–92 | Fla.                      |

### CRYPTARCHINÆ

IPINI Lec. 61, 82

| Cryptarcha Shuck. 39-165                                                                                                                                                                             |                                                            | Glischrochilus Reit.                                                                                                                                                                                                                  |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 10129. ampla Er. 43–356                                                                                                                                                                              | Ind. M.S. W.<br>St. Fla. Conn.                             | 10136. obtusus (Say) 35–168                                                                                                                                                                                                           | M.& S.Atl. St. Ind.                                           |
| <ul> <li>30. glabra Schfr. 09-375</li> <li>31. strigata (Fab.) 87-51 concinna‡ Reit. 73-150 bella Reit. 73-150</li> <li>32. concinna Melsh. 53-41 liturata Lec. 63-30 picta Melsh. 66-107</li> </ul> | Ariz. Eur. & Atl. St. AtlColo. Ind.M.St.Kan. [Tex. So.Cal. | 37. fasciatus (Oliv.) 90-7  bipustulatus (Melsh.) 46-  quadriguttatus‡ (Blatch.) quadrisignata (Say) 35-16 sexpustulatus (Reit.) 73-1 38. sanguinolentus (Oliv.) 90-8                                                                 | U.SVanc<br>Ind.Conn.<br>108<br>(Eur.?)<br>10–649<br>39<br>.61 |
| Pityophagus Shuck. 39–171 10133. cephalotes Lec. 66–377 34. rufipennis Horn 72–146 35. verticalis Horn 79–325  Glischrochilus Reit. 73–162 (Ips    Fab. 76–23) (Librodor Reit. 84–270)               | Pa.<br>Or. Vanc. So.<br>Colo. [Cal.                        | rubromaculatus (Ohv.) 30-c<br>rubromaculatus Reit. 73-<br>(Glischrochilus s. str.)<br>39. confluentus (Say) 23-195<br>40. vittatus (Say) 37-170<br>dejeani (Kby.) 37-107<br>sepulchralis (Rand.) 38-1<br>41. cylindricus (Lec.) 63-64 | Tex. Ind. CanGa. Ind. Can. Ut. Alas.                          |

### CYBOCEPHALINÆ

Cybocephalus Er. 44-441 10142. nigritulus Lec. 63-64 Cybocephalus Er.
Ind. Mich. Ga. 10143. californicus Horn 79–320 Cal. So. Cal.
Fla. Ariz.

### RHIZOPHAGIDÆ

Horn 79; Schaeffer 13; Méquignon 14

| from 79, Schaener 15, Mcquignon 14                                                                                                                                                                                                                                       |                                                                                                                                                                                                                         |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Rhizophagus Hbst. 44–442                                                                                                                                                                                                                                                 | Rhizophagus Hbst.                                                                                                                                                                                                       |  |  |
| (Rhizophagus s. str.)                                                                                                                                                                                                                                                    | 10151. approximatus Lec. 66–378 N.Y.                                                                                                                                                                                    |  |  |
| 10144. bipunctatus (Say) 24–325 Ind. Can. No.                                                                                                                                                                                                                            | 52. remotus Lec. 66–378 Pa. Can.                                                                                                                                                                                        |  |  |
| sayi Schfr. 13–310 [St.                                                                                                                                                                                                                                                  | a. luteus Méquignon 13–342                                                                                                                                                                                              |  |  |
| 45. longiceps Csy. 16–102 Va.                                                                                                                                                                                                                                            | 53. minutus Mann. 53–206 Or. Alas. Can.                                                                                                                                                                                 |  |  |
| 46. rectus Csy. 16–102 N.C.                                                                                                                                                                                                                                              | a. quadriguttatus Meq. 13–342 [Mich. Ct.                                                                                                                                                                                |  |  |
| 47. parallelicollis (Gyll.) 27-638 Eur. & N.Am. a. robustus Schfr. 11-118 Ky. 48. procerus Csy. 84-168 Ariz. 49. sculpturatus Mann. 52-362 Vanc. Nev. horni Mequignon 13-343 [N.Y.Ind.Ariz. 50. dimidiatus Mann. 43-300 Alas.Can.N.H. dispar‡ Schfr. 13-309 [Nfld. Ariz. | (Eurhizophagus Méquignon 09–105) 54. grouvellei Méq. 13–91 Cal. (Anomophagus Reit. 07–28) 55. brunneus Horn 79–327 L.Sup. 56. fenyesi Méq. 13–91 N.Am. (Syringobidia Csy. 16–103) 57. cylindricus Lec. 66–377 Tenn. Ga. |  |  |

### MONOTOMIDÆ

Aubé 37; Horn 79; Casey 16

### MONOTOMINÆ

| Monotoma Hbst. 93-22                                   |                                                 | Monotoma Hbst.                                                                      |                                    |
|--------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------|
| 10158. producta Lec. 55–305<br>59. picipes Hbst. 93–24 | M. St. Fla.<br>Eur. Fla. N.Y.<br>Ind. Neb. Nev. | 10160. fovcata Lec. 55–305<br>61. obsolescens Csy. 16–88<br>62. famelica Csy. 16–89 | M.St. Tex.Cal.<br>D.C.<br>Cal. Or. |
|                                                        | So.Cal.                                         |                                                                                     |                                    |

198 Cucujidæ

| 198                                                                                               | 0000                            | JIDÆ                                                                                      |                               |  |  |
|---------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------|-------------------------------|--|--|
| Monotoma Hbst.<br>10163. fulvipes Melsh. 44–111<br>opaca Zieg. 44–271<br>64. quadraria Csy. 16–90 | Fla. PaIll.<br>[Ind.<br>Cal.    | Leptipsius Csy.<br>10178. striatus (Lec.) 58–65<br>?adustus Reit. 72–14                   | So.Cal. Ariz.<br>Mex.         |  |  |
| ?quadrifoveolata Aubé 37-461                                                                      |                                 | Europs Woll. 54–149<br>( <i>Nomophlæus</i> Lec. 61–86)<br>10179. pallipennis (Lec.) 61–86 | )<br>Pa. Fla. Conn.           |  |  |
| 66. rhodeana Csy. 16–91<br>67. parallela Lec. 55–305                                              | R.I. [Fla. Ind. N.Y. Mich. Can. | 80. unicolor Csy. 16-95<br>81. striatulus Fall 07-224                                     | Tex.<br>N.Mex.                |  |  |
| 68. arida Csy. 16–89<br>69. mucida Lec. 55–305<br>70. texana Horn 79–261                          | Colo.?<br>So.Cal.<br>Tex.       | Macreurops Csy. 16–96<br>10182. longicollis (Horn) 79–264                                 | Cal. Nev.                     |  |  |
| 71. longicollis Gyll. 27–635  Phyconomus Lec. 61–86                                               | D.C. Pa. Eur.                   | Bactridium Lec. 61-86<br>10183. ephippigerum (Guér.) 29-                                  | -190<br>N.Y. Ind. Mo.         |  |  |
| 10172. marinus (Lec.) 58–64 <b>Hesperobænus</b> Lec. 61–86                                        | Cal. So.Cal.                    | 84. erythropterum (Melsh.) 4 nanum Er. 43–360                                             | Pa.N.C.                       |  |  |
| 10173. abbreviatus (Mots.) 45–3<br>rufipennis (Lec.) 58–64                                        | Cal. Nev. So.<br>[Cal. Ariz.    | 85. convexulum Csy. 16–98<br>?striolatum (Reit.) 72–14<br>86. hudsoni Csy. 16–99          | N.Y.                          |  |  |
| 74. alternatus Schfr. 10–213<br>75. arizonicus Csy. 16–92<br>76. rufipes Lec. 63–65               | Ariz.<br>Ariz.<br>Mo. Ga. La.   | 87. obscurum Csy. 16–99<br>88. curtipenne Csy. 16–100<br>89. californicum Fall 17–169     | Ind.?<br>Ark.<br>So.Cal.      |  |  |
| <b>Leptipsius</b> Csy. 16–93 10177. dilutus Csy. 16–93                                            | Ill.                            | Pycnotomina Csy. 16–100<br>10190. cavicolle (Horn) 79–267                                 | Pa. N.J.                      |  |  |
|                                                                                                   |                                 | NÆ Horn 79                                                                                |                               |  |  |
|                                                                                                   | Tisip                           | $honin x^1$                                                                               |                               |  |  |
| Smicrips Lec. 78–399<br>( <i>Tisiphone</i>    Reit. 76–296<br>10191. palmicola (Lec.) 78–399      | S)<br>Fla.                      | Smicrips Lec. ?hypocoproides Reit. 76–3 10192. texana Csy. 16–104                         | 301 W.I. Fla. So<br>Tex. [Cal |  |  |
| HYPOCOPRINƹ                                                                                       |                                 |                                                                                           |                               |  |  |
| Hypocoprus Mots. 39-72                                                                            |                                 | Hypocoprus Mots.                                                                          |                               |  |  |

| Hypocoprus Mots. 39–72              | Hypocoprus Mots.   |       |
|-------------------------------------|--------------------|-------|
| 0193. formicetorum Mots. 39–72 Sib. | tenuis Csy. 16-137 | Colo. |

### CUCUJIDÆ

Casey 84; 16

|                                                                                 | Casey 8                        | 4; 10  |                                                      |                                       |
|---------------------------------------------------------------------------------|--------------------------------|--------|------------------------------------------------------|---------------------------------------|
| Silvanini                                                                       |                                |        |                                                      |                                       |
|                                                                                 | Reitter                        | 90     |                                                      |                                       |
| Oryzæphilus Gangl. 99–584<br>10194. surinamensis (L.) 67–565                    |                                | Silvan | us Latr.<br>cognatus Lec. 54–77                      | S.C.                                  |
| sexdentatus (Fab.) 01–397                                                       | Fla. Conn.                     |        | nitidulus Lee. 54–78<br>imbellis Lec. 54–77          | Pac. Ariz.<br>Ga. Ind. Fla.           |
| frumentarius (Oliv.) 90–18<br>cursor (Fab.) 01–120<br>95. bicornis Er. 48–337   | Cosmop.                        | 01.    | gemellatus Duv. 56–250<br>quadricollis‡ Lec. nec Gué |                                       |
| 96. mercator Fauv. 89–132                                                       | Cosmop.<br>Cosmop.             | 02.    | parviceps Csy. 16–136                                | (N.Y.?)                               |
|                                                                                 |                                |        | rtus Reiche 54–77                                    | 010770                                |
| Silvanus Latr. 07–20                                                            |                                | 10203. | cassiæ (Reiche) 54–78                                | Cuba & U.S.                           |
|                                                                                 | Fla. So. Cal.                  | 04.    | ?gilæ Csy. 84–73<br>advena (Waltl.) 34–256           | Ariz. [Fla. Cosmop. Ind.              |
| sulcatus (Fab.) 01–555<br>99. planatus Germ. 24–466<br>zimmermanni Guér. 29–198 | [Conn.<br>E.U.S. Ind.<br>[Fla. |        | guerini Allib. 47–12<br>musæorum (Zieg.) 46–270      | Fla. So. Cal.<br>China [Ariz.<br>S.C. |
| 1                                                                               |                                |        |                                                      |                                       |

<sup>&</sup>lt;sup>1</sup> The position of these genera is disputed. Casey and Sharp agree in attaching Smicrips to Monotomidæ; but Casey (1916, p. 137) would place Hypocoprus near Silvanus.

Cucujidæ 199

| Cathartus Reiehe 10205. reetus Lec. 54-78  06. opaeulus Lee. 54-78  07. longulus Blatch. 10-564  Planismus Csy. 90-500 10208. floridanus Csy. 90-501  Catogenus Westw. 35-221 10211. rufus (Fab.) 92-123  a. puneticollis Newn. 39-399                                                                                                                                                                                                                                                            | Ill. D.CAriz. Fla. Cal. So.Cal. Ind. [Ariz. Fla. Passan U.S. Ind. Ia. Md. Fla.                | *                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fla. [Šo.Cal.                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| b. monilicornis Csy. 16–115<br>e. puneticeps Csy. 16–116                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                               | Prostomis Latr. 25–397<br>10213. mandibularis (Fab.) 75–155                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                                                          |
| d. parvus Csy. 16–116                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ind.                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Eur .&Or.Nev.<br>[Cal. Vane.                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Cuci                                                                                          | IIINI                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Cuci                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                            |
| Narthecius Lee. 61–95<br>10214. grandieeps Lee. 63–70<br>15. simulator Csy. 90–322<br>16. brevieeps Csy. 90–323<br>17. monticola Fall 07–222<br>18. striaticeps Fall 07–222                                                                                                                                                                                                                                                                                                                       | Fla. Pa. Nev.<br>Cal. [Mieh.<br>Fla.<br>N. Mex.<br>So. Cal.                                   | Læmophlœus Lap. 10239. adustus Lee. 54–74 40. fratereulus Csy. 16–124 41. dimidiatus Sehfr. 10–215 42. modestus Say 25–268 singularis Smith 51–7                                                                                                                                                                                                                                                                                                           | U.S. Pa. Ind.<br>Pa. [Va. Me.<br>Ariz.<br>U. S. Fla.<br>D. C. Tex.                                                                         |
| Pediacus Shuek. 39–185<br>10219. fuseus Er. 45–313<br>dermestoides (Sehön.) 09–                                                                                                                                                                                                                                                                                                                                                                                                                   | Can. Mieh.<br>H.B.T. Neb.                                                                     | (Silvanophlæus Sharp 94-5 43. apertus Csy. 16-128 44. illustris Csy. 16-129 45. sobrinus Csy. 16-129 46. liquidus Csy. 16-131                                                                                                                                                                                                                                                                                                                              | N.Y. Pa. Ill.<br>Tex. [Ind.<br>N.C.<br>Tex.                                                                                                |
| planus Lee. 50–223 subcarinatus Mann. 52–36 20. depressus (Hbst.) 97–286 subglaber Lee. 54–73 Cucujus Fab. 75–204 10221. clavipes Fab. 81–257                                                                                                                                                                                                                                                                                                                                                     | Colo. N.Mex. L. Sup.  33 Alas. Cosmop. So. Cal. Mieh. L. Sup. Colo. Pa. S.C. [Vane.           | ?testaeeus (Fab.) 92–96 zimmermanni Lee. 54–75 bullatus Lee. 54–75 47. nitens Lee. 54–75 gundlachi Grouv. 76–499 48. punetatus Lee. 54–75 geminatus Lee. 54–75 49. horni Csy. 84–89 50. disseptus Csy. 16–133 51. rotundicollis Csy. 84–89 52. quadratus Csy. 84–90                                                                                                                                                                                        | Cosmop. Ind. Md. [Fla. Cal. Pa. Cal. So. C.Am. [Cal. S.C. D.C. Ga. La. [Ind. Cal. Tex. S.C. Pa. Gulf St.                                   |
| a. puniceus Mann. 43-303                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Pae.                                                                                          | 53. eephalotes Lee. 54–76                                                                                                                                                                                                                                                                                                                                                                                                                                  | So.Cal.                                                                                                                                    |
| Inopeplus Smith 51-4 (Inoplectus‡ auet.) (Ino    Lap. 35-135) 10222. reclusa Lee. 80-186 23. immunda Reit. 78-191                                                                                                                                                                                                                                                                                                                                                                                 | Tex. Fla. Ala.<br>Md.                                                                         | (Leptophlæus Csy. 16–135)<br>54. angustulus Lee. 66–379<br>55. sehwarzi Csy. 84–91<br>56. extricatus Csy. 84–92<br>57. alternans Er. 45–325                                                                                                                                                                                                                                                                                                                | D.C. Colo. D. C. Fla. Mo. Cosmop. S.C. La.                                                                                                 |
| Læmophlœus Lap. 37–385 (Parandrita ‡ Lee. 83–133) 10224. terminalis Csy. 84–83 25. biguttatus Say 25–267 bisignatus Guér. 29–205 26. faseiatus Melsh. 46–113 27. fervidus Csy. 16–121 28. ealifornieus Csy. 16–122 29. shastanus Csy. 16–123 30. impressifrons Sehfr. 10–21 31. flavosignatus Sehfr. 10–21 32. macroeephalus Sehfr. 10–2 33. leeontei Grouv. 75–496 34. floridanus Csy. 84–85 35. ehamæropis Sz. 78–359 36. eonvexulus Lee. 79–2 37. filiger Csy. 16–125 38. sphærops Csy. 16–126 | Tex. U.S. Ind. Fla. Neb. [So.Cal. Pa. U.S. Ind. Ill. Kan. [Fla. Cal. No. Cal. 3 Ariz. 4 Ariz. | (Cryptolestes Gangl. 99-61) 58. ferrugineus (Steph.) 28-223 testaceus    (Payk.) 00-168 monilieornis (Steph.) 28-2 59. pubescens Csy. 84-93 60. truncatus Csy. 84-93 61. pusillus (Schön.) 17-55 minutus Oliv. 95-74 crassicornis Waltl 39-225 puberulus Lec. 54-75 longicornis Mann. 43-303 62. denticornis Csy. 84-94 ?uncicornis Reit. 76-45 63. adumbratus Csy. 16-134 ?addendus Sharp 99-529 64. fractipennis Mots. 45-91 — pusillimus (Mann.) 43-303 | Cosmop. So.  [Cal. La.  23 Cal.  Mieh. Ia.  Cosmop. So. Cal.  Mass. Alas. [S.C. La.Conn. Cal.  Alas.  Tex. Fla.  Cuba  Tex.  Eur. (N.Am.?) |

a. uhleri Horn 62–188 Ill. Ind. Mo. b. pulchra Lec. 54–159 87. trifasciata Say 23–462 Ind. Atl. St. 88. convexicollis Horn 68–140 Cal.

| Lathropus Cay.   Lath   |                                  |                 |                                  |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------|------------------|
| Dendrophagus Schön. 09-50   Fla. N.JMiss.   Fla.   Conn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                  |                 |                                  | Tex.             |
| BRONTINE   BRONTINE   Brontes Fab. 01-97   Can. N.Mex.   Sup.Nikl.   Brontes Fab. 01-97   Can. N.Mex.   Sup.Nikl.   Sup.Nikl   | 10265. vernalis Lec. 66–379      | Fla.N.JMiss.    |                                  | N.JFla.          |
| Dendrophagus Schön. 09-50   10272. cygnai Mann. 46-515   Can. N.Mex. glaber Lec. 50-223   Can. N.Mex. L. Sup.Nidd. americanus Mann. 53-207 Alas. (I. Sup.Nidd. americanus Mann. 53-207 Alas. (I. Sup.Nidd. americanus Mann. 53-207 Alas. (I. Sup.Nidd. art runcatus Mots. 45-92 74. debilis Lec. 54-76   N.JIa. Ind. Cal. (I. Sup. Nidd. Alas. (I. Su     | 67. pubescens Csy. 84–96         | So.Cal.         |                                  | Tex.             |
| Alas. No. U. S. Can. N.Mex. Blaber Lec. 50-223   Can. N.Mex. L. Sup.NMd. americanus Mann. 53-207 Alas.[N.Y.Pa. Alas.]   Cal. Sup.NMd. attruncatus Mots. 45-92   Cal. N.JInd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  | Bron            | TINI                             |                  |
| Alas. No. U. S. Can. N.Mex. annericanus Mann. 43-306                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Dendrophagus Schön. 09-50        |                 | Brontes Fab. 01-97               |                  |
| glaber Lec. 50-223 L. Sup.Nfd. annericanus Mann. 53-207 Alas. [N.Y.Pa. ?germari Mann. 43-306 Alas. [N.Y.Pa. ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |                 |                                  | NT T T 1         |
| ### Ariz. 10275. marginipennis (Lec. 54-76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | glober Lea 50-223                |                 |                                  |                  |
| Hemipeplus Latr. 25-98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | americanus Mann. 53–207          | Alas.[N.Y.Pa.   |                                  |                  |
| Chrosanis Pasc. 66-443   10275   marginipennis (Lec.) 54-79 Ga. Fla.   Telephanus Er. 45-329   (Heterodromia Hald. 56-127)   N.Jla. Ind. Conn.   Telephanus Er. 45-320   (Heterodromia Hald. 56-127)   N.Jla. Ind. Conn.   Telephanus Er. 45-320   (Indesc.) 10276. velox Hald. 51-127   N.Jla. Ind. Conn.   Telephanus Er. 45-330 (indesc.) 10277. lecontei Csy. 84-103   Ariz.   Ariz. 10277. lecontei Csy. 84-103   Ariz. 10277. lecontei C         |                                  | Немір           | EPLINI                           |                  |
| Cohrosanis Pasc. 66-443   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10275   10   | Hemipeplus Latr. 25–98           |                 | Hemipeplus Latr.                 |                  |
| Telephanus Er. 45-329                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (Ochrosanis Pasc. 66–443)        |                 |                                  | 0.00             |
| Telephanus Er. 45-329 (Heterodromia Hald. 56-127) 10276. velox Hald. 51-127 N.JIa. Ind. Conn.  CRYPTAMORPHINI  Psammœcus Latr. 29-135 (Cryptamorpha Woll. 54-156) (Psammæchus Boudier 34-368) (Pseudophanus Lec. 59-84) 10278. desjardinsi Guér. 29-196 Cosmop. Fla.  EROTYLIDÆ  Lacord 42; Lec. 47, 54; Crotch 73; Ganglb. 99; Kuhnt 09, 11  LANGURIINÆ Schaeffer 04-05  Languria Latr. 04-209 10279. bicolor (Pab.) 98-50 thoracica Oliv. 08-88 puncticollis Say 23-462 80. femoralis Mots. 60-242 81. denticulata Schiftr. 18-211 apicalis    Schiftr. 04-198 82. mozardi Latr. 06-66 apicalis    Schiftr. 04-198 82. mozardi Latr. 06-66 apicalis Mots. 60-241 83. discoidea Lec. 54-160 aptendam Mots. 60-241 84. tedata Lec. 54-160 rufiventris Mots. 60-242 S5. marginipennis Sz. 78-957 Fla.  Tex. Ga. Fla. Ct. N.Y. N.J. puncticollis Sz. 78-857 Fla.  Tex. Schaeffer 04-05  Languria Latr. Ill. D. C. pai Ind. D. C. Pa. Languria Latr. interstitialis Csy. 16-148 Interstitialis Csy. 16-148 So. Cal. Colo. Tex. Ga. N.Y. Pa. Me. Ind. D.C. [Ill N.Y. Pa. Me. Ind. D.C. [Ill Oct. N.Y. N.J. puncticollis Sz. 78-857 Fla.  Schaeffer 04-05  Languria Latr.  Languria Latr. interstitialis Csy. 16-148 So. Cal. Colo. Tex. Ga. N.Y. Pa. Me. Ind. D.C. [Ill Oct. N.Y. N.J. puncticollis Sz. 78-857 Fla.  Acropteroxys Gorh. 87-13 loze92. gracilis Newn. 38-390 bicolor Latr. 04-29 obscura Mots. 60-242 obscura Mots. 60-243 obscura Mots. 60-242 obscura Mots. 60-242 obscura Mots. 60-243 obscura Rond. 84 interstitalis Csy. 16-148 Ind. D.C. [Ill oct. N.Y. Pa. Me   |                                  | G. Fla          | 10275½.microphthalmus (Sz.) 78–6 |                  |
| Telephanus Er. 45–329                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10213. margimpennis (Lec.) 34-18 | Ga. Fla.        |                                  | ria.             |
| CRYPTAMORPHINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  | TELEPH          | ianini (                         |                  |
| CRYPTAMORPHINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Telephanus Er. 45–329            |                 | Telephanus Er.                   |                  |
| Conn.   CRYPTAMORPHINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                  | 27)             |                                  | desc.)           |
| Psammœcus Latr. 29-135   (Cryptamorpha Woll. 54-156) (Psammœchus Boudier 34-368) (Pseudophanus Lec. 59-84)   10278. desjardinsi Guér. 29-196   Cosmop. Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10276. velox Hald. 51–127        |                 | 10277. lecontei Csy. 84–103      | Ariz.            |
| Cryptamorpha Woll. 54-156    (Pseudophanus Lec. 59-84)     10278. desjardinsi Guér. 29-196   Cosmop. Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  | Скурта          | MORPHINI                         |                  |
| Cryptamorpha Woll. 54-156    (Pseudophanus Lec. 59-84)     10278. desjardinsi Guér. 29-196   Cosmop. Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Psammœcus Latr. 29–135           |                 | Psammœcus Latr.                  |                  |
| Lacord 42; Lec. 47, 54; Crotch 73; Ganglb. 99; Kuhnt 09, 11   LANGURIINE   Schaeffer 04-05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (Cryptamorpha Woll. 54–1         |                 | signatus (Lec.) 59–85            | Wash.            |
| EROTYLIDÆ  Lacord 42; Lec. 47, 54; Crotch 73; Ganglb. 99; Kuhnt 09, 11  LANGURINÆ  Schaeffer 04-05  Languria Latr. 04-209 10279. bicolor (Fab.) 98-50 thoracica Oliv. 08-88 puncticollis Say 23-462 80. femoralis Mots. 60-242 81. denticulata Schffr. 18-211 apicalis    Schffr. 04-198 82. mozardi Latr. 06-66 Kan. Neb. Ct. apicalis Mots. 60-241 83. discoidea Lec. 54-160 rufiventris Mots. 60-242 85. marginipennis Sz. 78-357 Fla. 86. angustata (Beauv.) 05-125 N.Y. Pa. N.J. D. C. a. uhlcri Horn 62-188  EROTYLIDÆ  Languria Latr. interstitialis Csy. 16-148 lo289. californica Fall 01-235 90. læta Lec. 54-159 91. collaris Lec. 54-159 91. collaris Lec. 54-159 91. collaris Lec. 54-160 nigriceps Mots. 60-242 obscura Mots. 60-243 a. inornata Rand. 38-48 Me. Ill. Ind. Conn 194. divisa Horn 85-139 Colo. N.Mex. Ariz. Tex. 195. sanguinicollis Chev. 34-93 Mex. Ariz.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                 |                                  | TNI.             |
| EROTYLIDÆ  Languria Latr. 04-209 10279. bicolor (Fab.) 98-50 thoracica Oliv. 08-88 puncticollis Say 23-462 80. femoralis Mots. 60-242 81. denticulata Schffr. 18-211 apicalis    Schffr. 04-198 82. mozardi Latr. 06-66 10d. D.C. Pa. Kan. Neb. Ct. apicalis Mots. 60-241 83. discoidea Lec. 54-160 apicalis Mots. 60-241 83. discoidea Lec. 54-160 rufiventris Mots. 60-242 85. marginipennis Sz. 78-357 86. angustata (Beauv.) 05-125 N.Y. Pa. N.J. B6. angustata (Beauv.) 05-125 N.Y. Pa. N.J. D. C. a. uhleri Horn 62-188  Languria Latr. Schaeffer 04-05 Languria Latr. interstitialis Csy. 16-148 linterstitialis Csy. 16-148 Utah 10289. californica Fall 01-235 So. Cal. Colo. Tex. 90. læta Lec. 54-159 91. collaris Lec. 54-159 So. Cal. Colo. Tex. Ga.  Acropteroxys Gorh. 87-13 10292. gracilis Newn. 38-390 N.Y. Pa. Me. Ind. D.C. [Ill a. interstitialis Csy. 16-148 Utah 10289. californica Fall 01-235 Ga.  Colo. Tex. Ga. N.Y. Pa. Me. Ind. D.C. [Ill a. interstitialis Csy. 16-148 Utah 10289. californica Fall 01-235 Ga. Colo. Tex. Ga.  So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Tex. Ga. So. Cal. Colo. Te |                                  |                 | nubbardi (Csy.) 84-167           | ria.             |
| Lacord 42; Lec. 47, 54; Crotch 73; Ganglb. 99; Kuhnt 09, 11  LANGURIINÆ Schaeffer 04-05  Languria Latr. 04-209 10279. bicolor (Fab.) 98-50 thoracica Oliv. 08-88 puncticollis Say 23-462 80. femoralis Mots. 60-242 81. denticulata Schffr. 18-211 apicalis    Schffr. 04-198 82. mozardi Latr. 06-66 mozardi Latr. 06-66 apicalis Mots. 60-241 83. discoidea Lec. 54-160 apicalis Mots. 60-242 84. tædata Lec. 54-160 rufiventris Mots. 60-242 85. marginipennis Sz. 78-357 86. angustata (Beauv.) 05-125 N.Y. Pa. N.J. a. uhlcri Horn 62-188  Languria Latr. interstitialis Csy. 16-148 Utah 10289. californica Fall 01-235 90. læta Lec. 54-159 91. collaris Lec. 54-159 92. gracilis Newn. 38-390 N.Y. Pa. Me. 10292. gracilis Newn. 38-390 N.Y. Pa. Me. 10293. latreillei Lec. 54-160 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Mots. 60-243 a. inornata Rand. 38-48 Me. 11. Ind. Conn 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-243 a. inornata Rand. 38-48 Me. 11. Ind. Conn 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 Tex. 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 obscura Schffr. 18-212 Tex. 12. derticulate Lec. 54-159 Ocio. Tex. Ocio. Tex | 10270. dosjardnisi Gudi. 20 100  | Cosmop · z · av |                                  |                  |
| Lacord 42; Lec. 47, 54; Crotch 73; Ganglb. 99; Kuhnt 09, 11  LANGURIINÆ Schaeffer 04-05  Languria Latr. 04-209 10279. bicolor (Fab.) 98-50 thoracica Oliv. 08-88 puncticollis Say 23-462 80. femoralis Mots. 60-242 81. denticulata Schffr. 18-211 apicalis    Schffr. 04-198 82. mozardi Latr. 06-66 mozardi Latr. 06-66 apicalis Mots. 60-241 83. discoidea Lec. 54-160 apicalis Mots. 60-242 84. tædata Lec. 54-160 rufiventris Mots. 60-242 85. marginipennis Sz. 78-357 86. angustata (Beauv.) 05-125 N.Y. Pa. N.J. a. uhlcri Horn 62-188  Languria Latr. interstitialis Csy. 16-148 Utah 10289. californica Fall 01-235 90. læta Lec. 54-159 91. collaris Lec. 54-159 92. gracilis Newn. 38-390 N.Y. Pa. Me. 10292. gracilis Newn. 38-390 N.Y. Pa. Me. 10293. latreillei Lec. 54-160 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Mots. 60-243 a. inornata Rand. 38-48 Me. 11. Ind. Conn 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-243 a. inornata Rand. 38-48 Me. 11. Ind. Conn 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 Tex. 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 obscura Schffr. 18-212 Tex. 12. derticulate Lec. 54-159 Ocio. Tex. Ocio. Tex |                                  |                 |                                  | •                |
| Lacord 42; Lec. 47, 54; Crotch 73; Ganglb. 99; Kuhnt 09, 11  LANGURIINÆ Schaeffer 04-05  Languria Latr. 04-209 10279. bicolor (Fab.) 98-50 thoracica Oliv. 08-88 puncticollis Say 23-462 80. femoralis Mots. 60-242 81. denticulata Schffr. 18-211 apicalis    Schffr. 04-198 82. mozardi Latr. 06-66 mozardi Latr. 06-66 apicalis Mots. 60-241 83. discoidea Lec. 54-160 apicalis Mots. 60-242 84. tædata Lec. 54-160 rufiventris Mots. 60-242 85. marginipennis Sz. 78-357 86. angustata (Beauv.) 05-125 N.Y. Pa. N.J. a. uhlcri Horn 62-188  Languria Latr. interstitialis Csy. 16-148 Utah 10289. californica Fall 01-235 90. læta Lec. 54-159 91. collaris Lec. 54-159 92. gracilis Newn. 38-390 N.Y. Pa. Me. 10292. gracilis Newn. 38-390 N.Y. Pa. Me. 10293. latreillei Lec. 54-160 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Mots. 60-243 a. inornata Rand. 38-48 Me. 11. Ind. Conn 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-243 a. inornata Rand. 38-48 Me. 11. Ind. Conn 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 Tex. 12. denticulate Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Schffr. 18-212 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 nigriceps Mots. 60-242 obscura Mots. 60-242 obscura Schffr. 18-212 obscura Schffr. 18-212 Tex. 12. derticulate Lec. 54-159 Ocio. Tex. Ocio. Tex |                                  | EROTY           | LIDÆ                             |                  |
| Languria Latr. 04–209 10279. bicolor (Fab.) 98–50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lacord 42; Lec.                  |                 |                                  |                  |
| Languria Latr. 04–209 10279. bicolor (Fab.) 98–50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ,                                |                 |                                  |                  |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                  | Schaeffe        | r 04–05                          |                  |
| Ill. D. C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |                 |                                  |                  |
| thoracica Oliv. 08–88 puncticollis Say 23–462 91. collaris Lec. 54–159 Ga.  80. femoralis Mots. 60–242 La. 81. denticulata Schffr. 18–211 apicalis    Schffr. 04–198 Kan. Neb. Ct. apicalis Mots. 60–241 83. discoidea Lec. 54–160 Ga. Fla. 84. tædata Lec. 54–160 Ga. Fla. 85. marginipennis Sz. 78–357 Fla. 86. angustata (Beauv.) 05–125 N.Y. Pa. N.J. 26. a. uhleri Horn 62–188 III. Ind. Mo.  89. læta Lec. 54–159 Ga.  91. collaris Lec. 54–159 Ga.  81. denticulata Schffr. 18–211 Acropteroxys Gorh. 87–13 10292. gracilis Newn. 38–390 N.Y. Pa. Me. bicolor‡ Latr. 04–35 Ind. D.C. [III] Ind. D.C. [III] Acropteroxys Gorh. 87–13 Ind. D.C. [III] Ind. D.C. [III] Ind. D.C. [III] Ind. D.C. [III] Ind. Mo.  90. læta Lec. 54–159 Ga.  91. collaris Lec. 54–159 Ga.  92. deropteroxys Gorh. 87–13 Ind. D.C. [III] Ind. Conn Schrift Ind. Ind. Ind. Ind. Ind. Ind. Ind. Ind.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10279. bicolor (Fab.) 98–50      |                 |                                  |                  |
| puncticollis Say 23–462 80. fcmoralis Mots. 60–242 81. denticulata Schffr. 18–211                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | thoracica Oliv 08-88             |                 |                                  |                  |
| 80. fcmoralis Mots. 60–242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  | i a. iiu.       |                                  |                  |
| apicalis    Schffr. 04–198                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 80. femoralis Mots. 60–242       |                 |                                  |                  |
| 82. mozardi Latr. 06–66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |                 |                                  | NIN D M          |
| Kan. Neb. Ct.  apicalis Mots. 60–241  83. discoidea Lec. 54–160  84. tædata Lec. 54–160  85. marginipennis Sz. 78–357  86. angustata (Beauv.) 05–125  87. D. C.  a. uhleri Horn 62–188  Kan. Neb. Ct.  latreillei Lec. 54–160  nigriceps Mots. 60–242  obscura Mots. 60–243  a. inornata Rand. 38–48  Me.  93. lecontei Cr. 73–351  Ill. Ind. Conn  94. divisa Horn 85–139  thoracina Csy. 16–150  Ariz.  a. texana Schffr. 18–212  Tex.  95. sanguinicollis Chev. 34–93 Mex. Ariz.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                 |                                  |                  |
| 83. discoidea Lec. 54–160 Ga. Fla. 84. tædata Lec. 54–160 Ct. N.Y. N.J. rufiventris Mots. 60–242 [D. C. 85. marginipennis Sz. 78–357 Fla. 86. angustata (Beauv.) 05–125 N.Y. Pa. N.J. D. C. a. uhleri Horn 62–188 Ill. Ind. Mo.  85. discoidea Lec. 54–160 Ga. Fla. obscura Mots. 60–243 a. inornata Rand. 38–48 Me. 93. lecontei Cr. 73–351 Ill. Ind. Conn 94. divisa Horn 85–139 Colo. N.Mex. thoracina Csy. 16–150 Ariz. a. texana Schffr. 18–212 Tex. 95. sanguinicollis Chev. 34–93 Mex. Ariz.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                 | latreillei Lec. 54–160           | - III. 5.5. [III |
| 84. tædata Lec. 54–160 Ct. N.Y. N.J. rufiventris Mots. 60–242 [D. C. 85. marginipennis Sz. 78–357 Fla. 86. angustata (Beauv.) 05–125 N.Y. Pa. N.J. D. C. a. uhleri Horn 62–188 Ill. Ind. Mo.  84. tædata Lec. 54–160 Ct. N.Y. N.J. a. inornata Rand. 38–48 Me. 93. lecontei Cr. 73–351 Ill. Ind. Conn 94. divisa Horn 85–139 Colo. N.Mex. thoracina Csy. 16–150 Ariz. a. texana Schffr. 18–212 Tex. 95. sanguinicollis Chev. 34–93 Mex. Ariz.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  | C. D            |                                  |                  |
| rufiventris Mots. 60–242 [D. C. 93. lecontei Cr. 73–351 Ill. Ind. Conn 85. marginipennis Sz. 78–357 Fla. 94. divisa Horn 85–139 Colo. N.Mex. 86. angustata (Beauv.) 05–125 N.Y. Pa. N.J. thoracina Csy. 16–150 Ariz. D. C. a. uhleri Horn 62–188 Ill. Ind. Mo. 95. sanguinicollis Chev. 34–93 Mex. Ariz.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  |                 |                                  | Me               |
| 85. marginipennis Sz. 78–357 Fla.  86. angustata (Beauv.) 05–125 N.Y. Pa. N.J.  D. C.  a. uhleri Horn 62–188 Ill. Ind. Mo.  94. divisa Horn 85–139 Colo. N.Mex. thoracina Csy. 16–150 Ariz.  a. texana Schffr. 18–212 Tex. 95. sanguinicollis Chev. 34–93 Mex. Ariz.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                  |                 |                                  |                  |
| a. uhlcri Horn 62–188  D. C. a. texana Schffr. 18–212  Tex. 95. sanguinicollis Chev. 34–93 Mex. Ariz.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 85. marginipennis Sz. 78–357     | Fla.            | 94. divisa Horn 85–139           | Colo. N.Mex.     |
| a. uhlcri Horn 62–188 Ill. Ind. Mo. 95. sanguinicollis Chev. 34–93 Mex. Ariz.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 86. angustata (Beauv.) 05–125    |                 |                                  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |                 |                                  |                  |

Dasydactylus Gorh. 87–14 10296. cnici Schffr. 04–200

Tex.

|                                                                                                                                          |                                                         |                                                                                                                                            | ,                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
|                                                                                                                                          | Enom                                                    |                                                                                                                                            | 201                                                     |
|                                                                                                                                          | Erory                                                   | LIDÆ                                                                                                                                       | 201                                                     |
| Langurites Mots. 61–240<br>10297. lineatus Lap. 32–412<br>supercilians Csy. 16–148                                                       | S.Am. Ariz.<br>Fla.                                     | <b>Hapalips</b> <sup>1</sup> Reit. 77–22<br>10298. texanus Schffr. 10–210                                                                  | Tex.                                                    |
|                                                                                                                                          | EROT                                                    | ZT.IN Æ                                                                                                                                    |                                                         |
|                                                                                                                                          |                                                         |                                                                                                                                            |                                                         |
|                                                                                                                                          | Erot                                                    |                                                                                                                                            |                                                         |
| Cypherotylus Cr. 73–148<br>(Erotylus pars Lac. 42–41)<br>10299. aspersus Gorh. 88–108<br>boisduvali Cr. 73–358 nec                       | N.Mex. Colo.                                            | Cypherotylus Cr.<br>10300. boisduvali Chev. 34–90<br>a. californicus Lac. 42–467                                                           | Mex.<br>N. Mex.                                         |
|                                                                                                                                          | Тртрт                                                   | LACINI                                                                                                                                     |                                                         |
| Tachemua I a a 40 80                                                                                                                     | IRITI                                                   |                                                                                                                                            |                                                         |
| Ischyrus Lac. 42–89<br>10301. quadripunctatus (Oliv.) 9                                                                                  | 1–437<br>Ga. S.C. Fla.<br>Mo. Ill.                      | Tritoma Fab. 10317. biguttata Say 24–89 basalis Lac. 42–225 18. erythrocephala Lac. 42–2                                                   | Pa. Ga. Ind.<br>[Conn.                                  |
| 02. dunedinensis Blatch. 17-2                                                                                                            |                                                         | 19. humeralis Fab. 01–571                                                                                                                  | Ga. Mo. Fla.<br>E.U.S. Ind.                             |
| tripunctatus    Blatch. 17-<br>03. extricatus Cr. 73–354                                                                                 | -238<br>Fla. M.St.                                      | tæniata Lec. 47–71<br>a. aulica Horn 71–343<br>b. ruficeps Lec. 47–71                                                                      | Pa.<br>Ohio<br>Mo.                                      |
| Pseudischyrus Csy. 16–156<br>10304. brunnea (Lac.) 42–222<br>nigrans (Cr.) 73–354                                                        | Fla.                                                    | c. vittata Lec. 47-71 20. ornata Csy. 16-161 21. mimetica Cr. 73-355                                                                       | Ill.<br>Wis.<br>D.C.O.Ga.Ill.                           |
| 05. acuminatus Csy. 16–157                                                                                                               | Fla.                                                    | 00 11 / 17 1 / 10 0/7                                                                                                                      | Ind.                                                    |
| <b>Scæother</b> Gorh. 88–82<br>10306. opacus Schffr. 15–236                                                                              | Ariz.                                                   | 22. sellata Kuhnt 10–247<br>23. unicolor Say 24–300<br>24. tenebrosa Fall 12–41                                                            | N.Am. (U.S.?)<br>Fla. Pa Ill.<br>N.C. [Ind.             |
| <b>Hæmatochiton</b> Gorh. 88–81<br>10307. bisculptum Csy. 16–168<br>?elateroides Gorh. 88–81                                             | Ariz.<br>Mex.                                           | Triplax Hbst. 93–146<br>10325. californica Lec. 54–161<br>26. monostigma Csy. 16–165                                                       | Cal.                                                    |
| Tritoma Fab. 75–570<br>(Mycotretus Cr.‡ nec Lac.<br>10308. sanguinipennis (Say) 24–8                                                     | . 42–132)<br>9 Ga. O. Ill. Ind.<br>N.Y. Ky. D.C.<br>Pa. | 27. festiva Lac. 42–208<br>fasciata Melsh. 46–176<br>28. flavicollis Lac. 42–218<br>confinis Lec. 54–162<br>29. mesosternalis Schffr. 05–1 |                                                         |
| 09. pulcher (Say) 24–301<br>cinctus (Lac.) 42–223<br>a. dimidiatus (Lac.) 42–224<br>basalis Melsh. 46–175<br>10. dissimulator Cr. 73–355 | Ind. N.S. Pa. [D.C. Ga. Ga. Pa. Ill.                    | mormonalis Csy. 16–166<br>30. frontalis Horn 62–188<br>31. occipitalis Csy. 16–167<br>32. macra Lec. 54–161                                | Ariz. N.Mex.<br>Utah<br>Tex.<br>Mich.<br>Ill. Me. Mich. |
| 207 (1.00)                                                                                                                               |                                                         | 33. russica L. 58–360                                                                                                                      | Eur & N Am                                              |

|                              | DAC           | MINI                                    |                 |
|------------------------------|---------------|-----------------------------------------|-----------------|
| Dacne Latr. 96-12            |               | Hypodacne Lcc. 75-170                   |                 |
| (?Engis Payk. 00–349)        |               | ( <i>Plæosoma</i> Woll. 54–147 ‡        | .)              |
| 10338. vittata Csy. 16–153   | Nev.          | 10346. punctata Lec. 75–171             | Ind.            |
| 39. cephalotes Csy. 16–153   | Idaho         | Megalodacne Cr. 73-352                  | •               |
| 40. laticollis Csy. 16–154   | Ind.          | 10347. fasciata (Fab.) 77–213           | Fla. M. & S.St. |
| 41. californica Horn 70–97   | Cal.          | 10047. Tasciata (1'ab.) 17 210          | Ind. Mex.       |
| 42. quadrimaculata (Say) 35- | -169          |                                         |                 |
|                              | Pa. Ill. Ind. | 1'6 - ' 4- (01' ) 01 499                | Conn.           |
| 43. clongata Csy. 16–154     | Cal.          | bifasciata (Oliv.) 91–433               |                 |
|                              |               | 48. heros (Say) 23-196                  | Fla. M.S.W.     |
| 44. uteana Csy. 16–155       | Ut.           | • • • • • • • • • • • • • • • • • • • • | St. Ind.        |
| *                            |               | Microsternus Lewis 87–57                | ou ma.          |
| 45. picea Lec. 75–170        | Cal.          | 10349. ulkei (Cr.) 73–353               | Ky. Ind.        |
| 40. picea 1xcc. 10-110       | Car.          | 10049. diver (O1.) 10-000               | Try. Ind.       |

<sup>&</sup>lt;sup>1</sup> Belongs in Cryptophagidæ — see Champion, Trans. Ent. Soc. London, 1913, p. 96.

### DERODONTIDÆ

(Laricobiidæ Gangl. 99-766)

Schenkling 15

Laricobius Rosenh. 46-5 10350. erichsoni Rosenh. 46-7 rubidus Lec. 66-99

Eur.& N.Am. Mass. N.Y. D.C. Mich.

Peltastica Mann. ?reitteri Lewis 89-432

Japan

51. laticollis Fall 16-14

Wash. [Can.

Derodontus Lec. 61-100

10353. maculatus (Melsh.) 46–115 Pa. Ind. 54. trisignatus (Mann.)52–361 Alas.-Vanc.

Peltastica Mann. 52-334

10352. tuberculata Mann. 52-334 Alas.-Or.

# **CRYPTOPHAGIDÆ**

Casey 00

#### CRYPTOPHAGINÆ

### BIPHYLLINI

(= Diphyllini, fam. Erotylidæ in Kuhnt, pars 34, Junk Col. Cat.)

Anchorius Csy. 00-79 10355. lineatus Csy. 00-80

Ariz.

Diplocœlus Guér. 10357. rudis Lec. 63-73

Ind. Fla. philothermoides Reit. 77-189 [Miss. Tex.

**Diplocœlus** Guér. 36–196 (*Marginus* Lec. 62–105) 10356. brunneus Lec. 63-73

Ind. S.I.

58. angusticollis Horn 78-605 Mich. — mus Reit. 77–189

(W.I. or Cal.?)

#### CRYPTOPHILINI

Cryptophilus Reit. 74-381 10359. integer (Heer) 40-426

Eur.& Tex. La. Miss. Ind.

### TELMATOPHILINI

| Telmatophilus Heer 41-417    |             | Tomarus Er. 47-95             |           |
|------------------------------|-------------|-------------------------------|-----------|
| 10360. americanus Lec. 63-70 | CanColo.    | 10365. pulchellus Lec. 66–71  | R.IMiss.  |
|                              | Ind.        |                               | Ind. Fla. |
| Loberus Lec. 61–98           |             | 66. obsoletus Csy. 00–85      | Ariz.     |
| 10361. impressus Lec. 63–70  | Fla. M. St. | 67. hirtellus Sz. 78–358      | Fla.      |
|                              | R.I. Ind.   | ? acutus Reit. 75–86          | N.Am.     |
| 62. subglaber Csy. 00–83     | N.J.        | 68. chamæropis Schffr. 04–202 | Tex.      |
| 63. imbellis Csy. 00–83      | Fla.        | 69. bisignatus Horn 95–239    |           |
| 64. ornatus Schffr. 04–201   | Tex.        | -                             |           |

| Cryptophagini                                                              |                       |                                                                                        |                                     |
|----------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------|-------------------------------------|
| Antherophagus Latr. 29-507                                                 |                       | Salebius Csy. 00-90                                                                    |                                     |
| 10370. ochraceus Melsh. 44–115                                             | Pa. N.Y<br>Minn. Ind. | 10378. sexdentatus Csy. 00–90<br>79. minax Csy. 00–91                                  | Alas.<br>Cal.                       |
| 71. pallidivestis Csy. 00–89                                               | Ut. [Nfld.            | 80. lictor Csy. 00–91                                                                  | Cal.                                |
| 72. convexulus Lec. 63–71                                                  | Wis. Can.             | montanus Csy. 00–91                                                                    | Cal.                                |
| 73. suturalis Mäkl. 53–208                                                 | Alas.                 | 81. tarsalis Csy. 00–91<br>82. octodentatus (Mäkl.) 52–3                               | Cal.<br>337                         |
| Pharaxonotha Reit. 75–84                                                   |                       |                                                                                        | Alas.                               |
| 10374. kirschi Reit. 75–44<br>conradti (Gorh.) 98–248                      | †Mex. Ill. Tex.       | Cryptophagus Hbst. 92–172<br>10383. validus Kr. 56–240<br>84. acutangulus Gyll. 27–285 | †Greenland<br>Ind. Eur. &           |
| Emphylus Er. 46–346                                                        |                       |                                                                                        | N.Am. †Green-                       |
| 10375. americanus Lec. 79–513                                              | Cal. Ut. Colo.        | 85. cellaris Scop. 63-16                                                               | land<br>†Eur. N.Y.<br>Mich. So.Cal. |
| Crosimus Csy. 00–89<br>10376. obesulus Csy. 00–90<br>77. hirtus Csy. 00–90 | N.Y.<br>Ia. Ind.      | 86. debilis Lec. 58–64<br>87. bidentatus Mäkl. 53–208<br>88. confertus Csy. 00–94      | Cal. So.Cal. Alas. Colo.            |

† Introduced.

| Cryptophagus Hbst.              |             | Cryptophagus Hbst.                           |
|---------------------------------|-------------|----------------------------------------------|
| 10389. nodifer Csy. 00–94       | N.J.        | 10413. lyraticollis Csy. 00–100 Cal.         |
| 90. parvinoda Csy. 00–94        | Ind.?       | 14. otiosus Csy. 00–100 Cal.                 |
| 91. infuscatus Csy. 00–95       | Pa.         | 15. lapponicus Gyll. 27–286 Eur. & N.Am.     |
| 92. plectrum Csy. 00–95         | D.C.        | 16. nodangulus Zimm. 69–257 Ind. [Alas.      |
| 93. cicatricosus Csy. 00–95     | N.Y.        | 17. saginatus Sturm 45–88 †Eur.& N.Am.       |
| 94. politus Csy. 00–95          | N.C.        | - quadridentatus Mann. 43-256 [S.C.          |
| 95. difficilis Csy. 00–95 (Lec. | $m_{SS}$ .) | Alas.                                        |
|                                 | L.Sup.      | - tuberculosus Mäkl. 53-338 Alas.            |
| 96. plenus Csy. 00–96           | Fla.        | — punctatissimus Mäkl. 53–209                |
| 97. amputatus Csy. 00–96        | N.C.        | Alas.                                        |
| 98. croceus Zimm. 69–257        | S.CIllInd.  | — quadrihamatus Mäkl. 53-208                 |
| crinitus Zimm. 69–257           | [Conn.      | Alas.                                        |
| 99. laticlavus Csy. 00–96       | Pa. Ind.    | - pubescens Melsh. 44–114                    |
| 10400. inscitus Csy. 00–97      | Cal.        | — gilvellus Melsh. 44–114                    |
| cribricollis Csy. 00–97         | Cal.        | — beringensis Sahlb. 85–54 Sib. Alas.        |
| 01. brevipilis Csy. 00–97       | Cal.        | 0                                            |
| 02. lepidus Csy. 00–97          | Cal.        | Henoticus Thoms. 70–67                       |
| 03. depressulus Csy. 00–98      | L.Sup.      | (Paramecosoma Curt. 33-186)                  |
| 04. porrectus Csy. 00–98        | Ut.         | 10418. serratus (Gyll.) 27–171 Ind. Eur.&    |
| 05. antennatus Csy. 00–98       | Mich.       | N.Am. Lab.                                   |
| 06. valens Csy. 00–98           | Pa.         | Mich. Colo.                                  |
| 07. histricus Csy. 00–99        | Ut.         | denticulata (Lec.) 50-223 Can.Pa.Mass.       |
| 08. fungicola Zimm. 69–257      | S.C. Ind.   | N.H. So.Cal.                                 |
| 09. discedens Csy. 00–99        | Ariz.       | 19. californicus (Mann.) 43-256 Cal.         |
| 10. fumidulus Csy. 00–99        | Ut.         | inconspicua (Lec.) 63-33                     |
| 11. lecontei Harold 68–884      | So.Cal.     | * , , ===                                    |
| pilosus    Lec. 58–64           |             | Pteryngium Reit. 87–34                       |
| hirtulus    Lec. 63–33          |             | 10420. crenatum (Gyll.) 27-171 Eur. & L.Sup. |
| 12. hebes Csy. 00–100           | Alas.       | 21. malacum Čsy. 00–102 Alas. Ind.           |
|                                 |             | •                                            |

# **ATOMARIINÆ**

# Cænoscelini

| Cænoscelis Thoms. 63–266         (Cænoscelis ‡ auct.)         10422. ferruginea Sahlb. 17–58       Alas. Ind.         ?testacea Zimm. 69–258       S.C. Ky. Pa.         23. ochreosa Csy. 00–105       Colo.         24. parallela Csy. 00–105       Colo.         25. angusticollis Csy. 00–105       ?         26. shastanica Csy. 00–106       Cal.         27. macilenta Csy. 00–106       N.Y. Pa. | Cænoscelis Thoms.         10428. basalis Csy. 00–106       N.Y.         29. ovipennis Csy. 00–107       N.C.         30. macra Csy. 00–107       Ky.         31. elongata Csy. 00–107       Pa. Ind.         32. obscura Csy. 00–107       Pa.         33. subfuscata Csy. 00–107       Ky. Ind.         — cryptophaga Reit. 75–87       Sib. N.Am.? |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

# ATOMARIINI

# Holdhaus 03

| Atomorio Stonb 20 46          |              | Atomaria Stanh               |               |
|-------------------------------|--------------|------------------------------|---------------|
| Atomaria Steph. 30–46         |              | Atomaria Steph.              | 0.1           |
| (Agathengis Gozis 86–36)      |              | 10451. melas Csy. 00–114     | Cal.          |
| 10434. subnitens Csy. 00–109  | Mich.        | 52. soror Csy. 00–114        | Cal.          |
| 35. carinula Csy. 00–110      | Pa.          | 53. cribripennis Csy. 00–114 | Cal.          |
| 36. pumilio Csy. 00–110       | MassIa.      | 54. dispersa Csy. 00–115     | Cal.          |
|                               | Man.         | 55. puella Csy. 00–115       | Cal.          |
| 37. patens Csy. 00–110        | MichPa.      | 56. castanea Csy. 00–115     | Cal.          |
| 38. crassula Csy. 00–110      | PaColo.      | 57. vespertina Mäkl. 53–210  | Alas.         |
| 39. capitata Csy. 00–111      | Colo.        | 58. parvicollis Csy. 00–116  | Cal.          |
| 40. quadricollis Csy. 00–111  | Colo.        | 59. subrecta Csy. 00–116     | Cal.          |
| 41. constricta Csy. 00–111    | Colo.        | 60. nigricollis Csy. 00–117  | Cal.          |
| 42. tenebrosa Csy. 00–111     | Colo.        | 61. longipennis Čsy. 00–117  | Cal.          |
| 43. coloradensis Csy. 00–112  | Colo.        | 62. subdentata Csy. 00–117   | Cal.          |
| 44. stricticollis Csy. 00–112 | Id.          | — fuscicollis Mann. 52–338   | Alas. Eur.    |
| 45. lucida Csy. 00–112        | Colo.        | — planulata Mäkl. 53–210     | Alas.         |
| 46. luculenta Csy. 00–112     | Ariz.?       | — apicalis Er. 46–395        | Eur. N.Am.    |
| 47. forticornis Csy. 00–113   | N.Mex. Colo. | *                            | MassMan.      |
| 48. macer Csy. 00–113         | Ariz.        | — nigriventris Steph. 30–69  | Eur. So.Cal.  |
| 49. ochronitens Csy. 00–113   | Cal.         | — diluta Er. 46–385          | Eur. Id.      |
| 50. undulata Csy. 00–113      | Cal.         | — pulchra Er. 46–383         | Eur. Me. Cal. |
| •                             |              |                              |               |

† Introduced.

| Atomaria, Steph.               |               | Anchicera Thoms.             |              |
|--------------------------------|---------------|------------------------------|--------------|
| — linearis Steph. 36–70        | Eur. Nev. Ia. | a. pumilio Csy. 00–122       | la.          |
| — wollastoni Šharp 67–435      | Eur. Can.     | 10473. gonodera Csy. 00–122  | N.Y. Ind.    |
| — ruficornis Marsh. 02–325     | Eur. So. Cal. | 74. riparia Csy. 00–122      | DelFla.      |
|                                |               | 75. subalutacea Csy. 00–122  | R.I.         |
| Anchicera Thoms. 63–274        |               | 76. incerta Csy. 00–123      | Colo.        |
| 10463. cphippiata Zimm. 69-258 | R.IColo.      | 77. brevicollis Csy. 00–123  | Colo.        |
| 1 11                           | Ind. Man.     | 78. aleutica Csy. 00–123     | Alas.        |
| a. hesperica Csy. 00–119       | Wash.         | 79. oblongula Čsy. 00–124    | Colo.        |
| 64. lætula Lec. 57–39          | Wash. So.Cal. | 80. crypta Csy. 00–124       | Ia.          |
| 65. nubipennis Csy. 00–119     | Cal.          | 81. pusilla Payk. 98–295     | Eur.&N.Am.   |
| 66. postpallens Csy. 00–119    | Cal. Nev.     | 82. fallax Csy. 00–124       | Cal. [Ind.   |
| 67. distincta Csy. 00–120      | D.C.          | 83. ovalis Csy. 00–125       | CanIa. Ind.  |
| 68. divisa Csy. 00–120         | Ia.           | 84. fulvipennis Mann. 46-515 | Alas.        |
| 69. gilvipennis Csy. 00–120    | N.J.          | 85. inepta Csy. 00–125       | Cal.         |
| 70. saginata Csy. 00–121       | Can.          | 86. nanula Csy. 00–125       | Cal.         |
| 71. ochracea Zimm. 69–258      | D.C. Ind.     | - kamtschatica Mots. 45-365  | 2 Alas. Sib. |
|                                | Man.          | — lepidula Mäkl. 52–338      | Alas.        |
| ?fuscata Schon. 06-100         | Eur. N.Am.    | mesomelas Hbst. 92-143       | N.Am.?       |
| a. lacustris Csy. 00–121       | L.Sup.        | ,                            |              |
| b. pennsylvanica Csy. 00–12    |               | Tisactia Csy. 00–126         |              |
| 72. curtula Csy. 00–122        | Can. Conn.    | 10487. subglabra Csy. 00–126 | Ind.         |
| •                              |               |                              |              |

### EPHISTEMINI

Ephistemus Steph. 29–167 10488. apicalis Lec. 63–72 N.

N.Y.-Ind.

Ephistemus Steph. 10489. cactophilus Sz. 99–9

Ariz.

# **MYCETOPHAGIDÆ**

Leconte 56; Horn 78; Casey (Tritomidæ) 00

# MYCETOPHAGINI

| Mycet                                         | ophagus Hellw. 92–394                                                                                                                                                                                                                                                                         |                                                                         | Typhæa Curt. 30–70                                                                                      | C                                                                                               |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|                                               | (Tritoma Geoff.)<br>punctatus Say 26–260<br>flexuosus Say 26–260                                                                                                                                                                                                                              | N.Y. N.C.Ind. Ind. Conn                                                 |                                                                                                         | Cosmop. Ind.<br>Fla. So.Cal.<br>Ariz. Conn.                                                     |
| 92.<br>93.<br>94.<br>95.<br>96.<br>97.<br>98. | bimaculatus Melsh. 44–11 subdepressus Csy. 00–132 serrulatus Csy. 00–132 pictus Csy. 00–132 quadralius Csy. 16–172 tribalteatus Csy. 16–173 californicus Horn 78–604 provensis Csy. 16–174 arizonicus Schffr. 00–211 ( <i>Ilendus</i> Csy. 00–131) melsheimeri Lec. 56–13 obscurus Lec. 56–13 | N.C. Ind. Va. N.Y. N.C. N.C. So.Cal. Wash. Ut. Ariz. Tex. Ind. Ga. Ind. | (Tilargus Csy. 00–135) 11. tetraspilotus Lec. 56–14 (Litargus s. str.) 12. sexpunctatus Say 26–261      | Ariz. Ind. R.I. L.Sup. Fla. Ill. Kan. Ind. N.J. Ind. [Fla. TexSo.Cal. Ind. Ariz. Ill. Fla. Cal. |
| 02.                                           | pluripunctatus Lec. 56–13<br>pini Zieg. 44–270<br>( <i>Parilendus</i> Csy. 00–131)<br>bipustulatus Melsh. 44–114                                                                                                                                                                              | N.C. Fla.                                                               | 14. nebulosus Lec. 56–15 15. longulus Csy. 16–175                                                       | PaUt.<br>N.Mex. Fla.<br>N.Mex.<br>N.Y.                                                          |
|                                               | confusus Horn 78–605 (Gratusus Csy. 00–131)                                                                                                                                                                                                                                                   | Ind.<br>Colo. Ariz.                                                     | (Paralitargus Csy. 00–136)<br>17. didesmus Say 26–261                                                   |                                                                                                 |
| 06.<br>07.                                    | pluriguttatus Lec. 56–13<br>notatulus Csy. 00–134<br>tenuifasciatus Horn 78–604<br>obsolctus Melsh. 44–113                                                                                                                                                                                    | Cal. So.Cal.<br>B.C.<br>4N.HB.C.<br>Va. Ind. Mich.                      | 18. asperulus Csy. 00–136 <b>Thrimolus</b> Csy. 00–137 10519. minutus Csy. 00–137 20. duryi Csy. 16–176 | Dak. Tex. Ind. Ohio                                                                             |

### Myrmechixenini

Myrmechixenis Chev. 35-267 (Myrmecoxenus Chev. 35-267) Myrmechixenis Chev. 10521. latridioides Cr. 73-363

S.C.-So.Cal. Tex.

# COLYDIIDÆ

Horn 78; Casey 90, 97; Kraus 12 Megataphrini

Megataphrus Csy. 90–309 10522. tenuicornis Csy. 90–310 No

No.Cal.

### Rhagoderini<sup>1</sup>

| Rhagodera Er. 45–255                                      |                          | Anchomma Lec. 58–63                                      | ~ ~ .          |
|-----------------------------------------------------------|--------------------------|----------------------------------------------------------|----------------|
| 10523. tuberculata Mann. 43–300                           |                          | 10525. costatum Lec. 58–63                               | So.Cal.        |
| 24. costata Horn 67–293                                   | Ariz. [So.Cal.           |                                                          |                |
|                                                           | ~                        |                                                          |                |
|                                                           | Synci                    | IITINI                                                   |                |
| Synchita Hellw. 92–401                                    |                          | Endophlœus Er. 45–256                                    |                |
| 10526. laticollis Lec. 63–66                              | N.YN.C.                  | 10549. nosodermoides Horn 78–56                          | 7Cal.          |
| 27. variegata Lec. 58–63                                  | So.Cal.                  | Phlmanaman Fr. 45, 959                                   |                |
| 28. obscura Horn 85–140                                   | D.C.                     | Phlœonemus Er. 45–258                                    | Co Col Ania    |
| 29. parvula Guér. 29–189                                  | Fla. M. St.              | 10550. catenulatus Horn 78–568<br>?adhærens Sharp 94–451 | So.Cal. Ariz.  |
|                                                           | Ind.                     | raunærens Sharp 94-491                                   |                |
| (Endeitoma Sharp 94–450)                                  |                          | Coxelus Latr. 29–31                                      |                |
| 30. fuliginosa Melsh. 46–111                              | M.St.Ga.Fla.             | 10551. guttulatus Lec. 63–65                             | M.St. Ind.     |
| nigripennis Lec. 63–67                                    | Fla. Mich.               | 52. pacificus Horn 78–569                                | Vanc.          |
| 31. granulata Say 25–266                                  | Fla. Pa. Ga.             | 53. serratus Horn 85–142                                 | Cal.           |
| 32. dentata Horn 85–139                                   | Fla. [Mo. Ind.           | Lasconotus Er. 45–258                                    |                |
| Warning and C1 04 479                                     |                          | 10554. flexuosus Kraus 12–28                             | Wash.          |
| Eucicones Sharp 94–453                                    | ~)                       | 55. complex Lec. 59–282                                  | Tex. Ut        |
| (Cicones ‡ Horn nec Curti                                 |                          |                                                          | Vanc.          |
| 10533. marginalis (Melsh.)46–112<br>34. latus Csy. 97–632 | Ind.?                    | 56. tuberculatus Kraus 12–28                             |                |
| 54. latus Osy. 31-032                                     | mu.;                     | 57. nucleatus Csy. 90–314                                | Cal. Or.       |
| Acolobicus Sharp 88–452                                   |                          | 58. borealis Horn 78–570                                 | Mich. N.H.     |
| 10535. lineaticollis (Horn) 78–564                        | S.C. Fla.                | 59. intricatus Kraus 12–30                               | Wash.          |
| 200001 (22012) 10 00 1                                    |                          | 60. pertenuis Csy. 90–313                                | Cal.           |
| Bitoma Hbst. 93–261                                       |                          | 61. linearis Cr. 74–75                                   | So.Cal.        |
| (Ditoma G.& H. Cat. 851)                                  |                          | 62. apicalis Csy. 90–315                                 | Cal.           |
| (Eulachus Lec. nec Er.)                                   |                          | 63. schwarzi Kraus 12–31                                 | IdVanc.        |
| (Synchytodes Cr. 73–45)                                   |                          | 64. vegrandis Horn 85–140                                | Cal.           |
| 10536. carinata (Lec.) 63–68                              | Ga. Fla.                 | 65. referendarius Zimm. 69–29                            | D.C. Fla. Tex. |
| 37. vittata Schffr. 07–137                                | Tex.                     | 66. servus Horn 85–141                                   | So.Cal. Ariz.  |
| 38. quadricollis Horn 85–140                              | N.C. O. Fla.             | 67. simplex Lec. 66–378                                  | Cal. Ariz.     |
| 39. pinicola Schffr. 07–138                               | N.J.                     | or. simplex fice. oo ore                                 | N.Mex.         |
| 40. ornata Lec. 58–63                                     | So.Cal. Ariz.            | 68. planipennis Kraus 12–32                              | N.MexCal.      |
| 41. quadriguttata Say 25–266                              |                          | 69. fiskei Kraus 12–33                                   | Tex.           |
|                                                           | Ind. Fla.<br>Conn. Mich. | 70. bitomoides Kraus 12–33                               | So.Cal. Ariz   |
| zimmermanni Guer. 29–19                                   |                          |                                                          | N.Mex.         |
| 42. granulata Blatch. 10–552                              |                          | 71. pusillus Lec. 63–57                                  | O. N.C. Ga.    |
| 43. discolor Schffr. 07–138                               | Fla. Cuba                |                                                          | Fla. Tex. Neb. |
| 44. prosopis Schffr. 07–139                               | Tex.                     | 72. subcostulatus Kraus 12–34                            |                |
| 45. suffusa Csy. 97–631                                   | Ariz.                    | 73. laqueatus Lec. 66–378                                | Ariz. Neb      |
| 46. sulcata Lec. 58–63                                    | So.Cal. Ariz.            | M                                                        | N.Mex.         |
| 47. gracilis Sharp 94–460                                 | Ariz. Mex.               | 74. concavus Csy. 90–315                                 | ColoAriz.      |
|                                                           |                          | Lobogestoria Reitter 78-31                               |                |
| Eudesmula Ckll. 06–241                                    |                          | (Aditoma Csy. 97–630)                                    |                |
| (Eudesma    Lec. 63-66)                                   |                          | 10575. gibbicollis Reit. 78–31                           | Cuba           |
| 10548. undulata (Melsh.) 46-110                           | Pa. O.                   | bifida Csy. 97–630                                       | Fla. Ga.       |
|                                                           |                          |                                                          |                |
|                                                           |                          |                                                          |                |

### COLYDIINI

| Colydii                              | 10577. lor | ngum Lec. 66–378       | N.Ariz. Colo.        |
|--------------------------------------|------------|------------------------|----------------------|
| Aulonium Er. 45–275                  |            |                        | Or. So.Cal.          |
| 10576. parallelopipedum (Say) 25–263 | 78. tul    | berculatum Lec. 63–67  | Ind. GaVa.           |
| U.S. Ind. Fla.                       | ?b         | oicolor Hbst. 97–285   | Eur. [La.Fla.        |
| æquicolle Lec. 59–81 Cal.            | 79. fer    | rrugineum Zimm. 69–254 | 4 S.C. <b>-</b> Fla. |

<sup>&</sup>lt;sup>1</sup>Lycoptis Csy. 90-311 will be found in Ostomidæ, p. 194.

# Monædidæ

| <b>Colydium</b> Fab. 93–495<br>10580. lineola Say 25–264                                   | Ind. Pa. La.<br>Or, Vanc. Fla.      | Nematidium Er.<br>?cylindricum (Fab.) 01–557                                      |                             |  |
|--------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|--|
| nigripenne Lec. 63–67<br>?longiusculum Say 25–264                                          | [Conn.                              | Aglenus Er. 45–285<br>10582. brunneus (Gyll.) 08–711                              | †Eur.&N.Am                  |  |
| Nematidii Nematidium Er. 45–275 10581. mustela Pasc. 63–34 filiforme Lec. 63–68            | N.C. Fla. La.                       | obsoletus (Shuck.) 40–27                                                          | Mo. Cal.<br>So.Cal.         |  |
| minorme Lec. 05-06                                                                         | Dranma                              | DY:D*114                                                                          |                             |  |
| Oxylæmus Er. 45–282                                                                        | DERETA                              | Sosylus Er. 45–288                                                                |                             |  |
| 10583. americanus Lec. 63–68<br>84. californicus Cr. 74–75                                 | Pa.<br>So.Cal.                      | (Pleuridium Lec. 62–91)<br>10586. costatus Lec. 63–68<br>87. dentiger Horn 78–582 | S.C. Fla.<br>L.Cal.         |  |
| Deretaphrus Newn. 42–403<br>10585. oregonensis Horn 72–146                                 | Or.                                 | 88. extensus Csy. 97–633                                                          | Tex. Fla.                   |  |
|                                                                                            | Pycnom                              | IERINI                                                                            |                             |  |
| Penthelispa Pasc. 63–36<br>( <i>Endectus</i> Lec. 63–91)<br>10589. hæmatodes (Fab.) 01–562 | PaTex. Fla.                         | Penthelispa Pasc.<br>nitidus (Lec.) 63-69                                         |                             |  |
| brevicornis Melsh. 44–112<br>90. reflexa (Say) 25–262                                      | PaGa. Ind.                          | <b>Pycnomerus</b> Er. 42–214<br>10591. sulcicollis Lec. 63–69                     | So.St.Ind.Fla               |  |
|                                                                                            | Вотнки                              | DERINI                                                                            |                             |  |
| Bothrideres Er. 45–288                                                                     |                                     | Erotylathris Mots. 61–130                                                         |                             |  |
| 10592. geminatus (Say) 25–262<br>93. montanus Horn 78–587                                  | AtlTex. Ind.<br>Fla.<br>Colo. Ariz. | (Prolyctus Zimm. 69–274)<br>(Machlotes Pasc. 63–36)                               | So St O                     |  |
| 94. cactophagi Sz. 99–10                                                                   | Ariz.                               | 10596. exaratus (Melsh.) 46–111<br>geminatus Hald. 44–104                         | 50.51.0.                    |  |
| Lithophorus Sharp 94–487<br>10595. succineus Pasc. 60–108                                  | Tex.                                |                                                                                   |                             |  |
|                                                                                            | CERYL                               | ONINI                                                                             |                             |  |
| <b>Cerylon</b> Latr. 07–205<br>10597. sylvaticum Csy. 97–635<br>98. castaneum Say 25–259   | Id. Cal.<br>AtlIll. Ind.            | Cerylon Latr.<br>10603. californicum Csy. 90–316                                  | Cal.                        |  |
| angustulum Lec. 63–69 99. unicolor Zieg. 46–70 10600. simplex Lec. 57–39                   | [Ariz. AtlIll. Cal.                 | Philothermus Aubé 43–93<br>10604. glabriculus Lec. 63–69                          | Atl. St. Ind.<br>Fla. Mich. |  |
| 01. sticticum Csy. 97–636<br>02. clypeale Csy. 97–636                                      | Ia.<br>Kan.                         | 05. puberulus Sz. 78–361                                                          | Fla.                        |  |
|                                                                                            |                                     |                                                                                   |                             |  |
|                                                                                            | MURMII                              | DIIDƹ                                                                             |                             |  |
| Murmidius Leach 22–41<br>10606. ovalis Beck 17–1                                           | †Eur. & N.<br>Am. D.C. La.          | <b>Botrodus</b> Csy. 90–319<br>10608. estriatus Csy. 90–320                       | Tex. Fla.                   |  |
| 1 T                                                                                        | Alas. Cal.                          | <b>Lapethus</b> Csy. 90–317 10609. discretus Csy. 90–318                          | Cal.                        |  |
| <b>Mychocerus</b> Er. 45–292<br>10607. depressus (Lec.) 66–376                             | D.C. S.C. O.<br>Fla.                | <b>Eupsilobius</b> Csy. 95–454<br>10610. politus Csy. 95–455                      | So.Fla.                     |  |
|                                                                                            | MONŒ                                | DID Æ                                                                             |                             |  |
|                                                                                            | TAT CY LA CL                        | 171.17.19                                                                         |                             |  |

# MONŒDIDÆ

(=Adimeridae)

Monœdus Horn 82–116 (Adimerus Sharp 94–441)

Monœdus Horn 10611. guttatus Lec. 82–116

Fla. W. I.

<sup>†</sup> Introduced.

<sup>1</sup> This family has been divided into four tribes by Casey.

# LATHRIDIIDÆ

Aubé 43; Leconte 55; Belon 97; Fall 99

# MEROPHYSIINI

| Holoparamecus Curtis 33-186 |                         | Holoparamecus Curtis                                      |                       |
|-----------------------------|-------------------------|-----------------------------------------------------------|-----------------------|
| 10612. ragusæ Reit. 75–309  | Pa. Mo.                 | (Calyptobium Aubé 43–24                                   | 1)                    |
| 13. singularis Beck 17–14   | Eur.& N.<br>Am.?) †N.Y. | 10615. pacificus Lec. 63–72<br>16. floridanus Fall 99–109 | So.Cal. Ariz.<br>Fla. |
| 14. kunzci Aubé 43–245      | N.Y. So.Cal.<br>[Ariz.  | 17. caularum Aubé 43–244                                  | So.Cal. Eur.          |

# DASYCERINI

| Dasycerus Brong. 99-115         |          | Dasycerus Brong.      |
|---------------------------------|----------|-----------------------|
| 10618. carolinensis Horn 82-117 | N.C. Ga. | grouvellei Bel. 88–98 |
| 10 angulicallic Harn 89-117     | Cal      |                       |

#### LATERITATION

| LAT                                         | THRIDIINI                                                                     |   |
|---------------------------------------------|-------------------------------------------------------------------------------|---|
| Metophthalmus Woll. 54–192                  | Enicmus Thom.                                                                 |   |
| (Bonvouloiria Duv. 59-245)                  | 10642. minutus (L.) 58-675 Ind. U.S.&                                         |   |
| 10620. parviceps (Lec.) 55–304 Cal.         | Can. Lab.                                                                     |   |
|                                             |                                                                               |   |
|                                             | Nfld. So. Cal.                                                                |   |
| 22. rudis Fall 99–115 Cal. So.Cal.          | †Greenland                                                                    |   |
| 23. trux Fall 99–115 Tex. So.Cal.           | Cosmop. Alas.                                                                 | • |
| 24. albosignatus Fall 99–115 Fla.           | La. Mass.                                                                     |   |
| biscayniana Sz. mss.                        | reflexus Lec. 55–304                                                          |   |
| Lathridius Hbst. 93-3                       | 43. crenatus Lec. 55–304 Cal. Ut. Tex.                                        |   |
| (Stephostethus Lec. 78–601)                 | 44. læviventris Fall 99–128 Or. [So.Cal.                                      |   |
| 10625. productus Rosenh. 56–351 N.Am.? Eur. | 45. strenuus Fall 99–128 Colo.                                                |   |
|                                             | (F:                                                                           |   |
| 26. lardarius DeG. 75–45 Eur. & Alas.       | (Enicmus s.str.)                                                              |   |
| 27. breviclavus Fall 99–117 Mich. L.I.      | 46. aterrimus Mots. 66–253 MassSo.Cal.                                        |   |
| 28. armatulus Fall 99–118 Cal. So.Cal.      | ?brevicornis Mann.43–102 Eur.                                                 |   |
| 29. montanus Fall 99–118 Colo.              | opaculus Lec. 78–600                                                          |   |
| 30. costicollis Lec. 55–303 ColoB.C.        | ferrugineus Bel. 95–92 Fla.                                                   |   |
| ?fulvipennis Mann. 53–213 Alas.             | a. nitens Fall 99–129 Mich. Man.                                              |   |
| 31. liratus Lec. 63–72 Ind. Can.            | 47. duplicatus Lec. 78–600 Ill. Mich.                                         |   |
| N.Eng. D.C.                                 | 48. maculatus Lec. 78–600 Va. O. Mich.                                        |   |
| trilobatus Mots. 66-240 N.Am. [Man          |                                                                               |   |
| 32. bergrothi Reit. 80–53 Greenland         | 50. fictus Fall 99–131 H.B.T. Mont.                                           |   |
| — cinnamopterus Mann. 53–213                | Colo. Cal.                                                                    |   |
| Alas.                                       | 51. mimus Fall 99–131 Colo. Id. Man.                                          |   |
| — curtulus Mann. 53-215 Alas.               | 52. vanus Fall 99–132 Colo.                                                   |   |
| cultulus Mann. 99 219 Mas.                  | 53. mendax Fall 99–132 Ariz.                                                  |   |
| Coninomus Thoms. 63–217                     | 54. ventralis Fall 99–133 Cal.                                                |   |
| 10633. constrictus Gyll. 27–138 Cosmop. So. | 55. cordatus Bel. 95–91 Or. B.C.                                              |   |
| Cal.                                        |                                                                               |   |
| carinatus Gyll. 27–137 Alas. Mich.          | 56. tenuicornis Lec. 78–601 Ariz. Cal<br>laticollis Lec. 78–601 [N.Y. So.Cal. |   |
| incisus Mann. 44–80 [Ill.Ariz.Man.          |                                                                               | • |
| sculptilis Lec. 55–303                      | 57. sulcatulus Fall 99–134 Cal.                                               |   |
| 34. australicus Bel. 87–223 Cal. So.Cal.    | Cartodere Thom. 59–219                                                        |   |
| sculptilis Bel. 87–222 (non Lec.)           | 10658. quadrifoveolata Fall 99–136 Cal.                                       |   |
| 35. nodifer Westw. 38–55 Eur. Wash.         | 59. ruficollis Marsh. 02–111 †Eur. Mass.                                      |   |
| — strangulatus Mann. 53-214 [Or. Cal. Va.   | pulicaria Melsh. 44–115 [Or.Ind.Conn.                                         |   |
|                                             | 60. costulata Reit. 77–114 †Eur. Mass.                                        |   |
| Enicmus Thom. 59–63                         | Pa. Mich.                                                                     |   |
| (Conithassa Thom. 59–93)                    | 61. filiformis Gyll. 27–143 †Eur. Pa.                                         |   |
| 10636. protensicollis Mann. 43–299          | Mich. Mo.                                                                     |   |
| Alas.                                       | 62. argus Reit. 84–35 †Eur. Mich                                              |   |
| sobrinus Mann. 52–362                       | Or. So.Cal.                                                                   |   |
| quadricollis Mann. 43–299                   | 63. intermedia Bel. 84–192 N.Am.                                              |   |
| 37. suspectus Fall 99–125 Or. So.Cal.       | 64. filum Aubé 50–334 †Eur. N.Y.                                              |   |
| 38. desertus Fall 99–125 Ariz. So.Cal.      | Can. Colo.                                                                    |   |
| 39. hirtus Gyll. 27–139 Eur. N. H.          | 65. elcgans Aubé 50–334 †Eur. D.C.                                            |   |
| N.Y. Mont.                                  | - cordicollis Mann. 43–300 Alas. [Mich.                                       |   |
| 40. nigritus Fall 99–126 Wash. Cal.         | •                                                                             |   |
| 41. consimilis Mann. 44–99 Ind. Eur.        | Adistemia Fall 99–141                                                         |   |
| parallelicollis Mann. 44–101 [Alas Mich     | . 10666. watsoni (Woll.) 71–253 †Eur. D.C.                                    |   |
|                                             |                                                                               |   |

# Lathridiidæ

Eufallia Muttk. 10–162 (Belonia || Fall 99–142) 10667. seminiveus (Mots.)66–265 Cuba unicostata Bel. 87–225 Mex. Fla.

Revelieria Perris 70-12 10668. californica Fall 99-144 Cal. So. Cal.

### CORTICARIINI

|                               | Cortic         | CARIINI |                            |                |
|-------------------------------|----------------|---------|----------------------------|----------------|
| Corticaria Marsh. 02–106      |                | Melan   | nophthalma Mots.           |                |
| 10669. pubescens Gyll. 27–123 | Eur. Mass      |         | picta Lec. 55–303          | Ind. Mass.     |
| 10009. pubescens of n. 21 120 | Ia. Mich.      | 10000.  | pieta Lee. 99 909          | Tex. Fla.      |
|                               | Mass.          | 07      | casta Fall 99–172          |                |
| grossa Lec. 55–299            | N.Mex.         |         |                            | Cal. So.Cal.   |
| 70. rudis Fall 99–150         |                | 93.     | simplex Lec. 55–303        | Md. Fla. Cal.  |
| 71. fulva Com. 37–39          | Cosmop. Man.   |         | nigripennis Mots. 67–96    | [So.Cal. Ariz. |
| 72. varicolor Fall 99–151     | MichColo.      |         | subimpressa Zimm. 69–25    | b              |
|                               | Mont.          |         | (Melanophthalma s.str.)    |                |
| 73. parallela Fall 99–152     | Colo. Alb.     | 00      | villosa Zimm. 69–256       | N.HCal.        |
| 74. valida Fall 99–153        | N.IllB.C.      |         | insularis Fall 99–174      | So.Cal. Ids.   |
| 75. inopia Fall 99–153        | CalNev.        |         |                            |                |
| 76. planula Fall 99–154       | So.Cal. Colo.  | 01.     | distinguenda Com. 37–38    | Cosmop. Ind.   |
| 1                             | Mont.          |         |                            | Conn. L.Sup.   |
| 77. salpingoides Mots. 67–64  | Cal. B.C.      |         |                            | Fla. Can.      |
| 78. columbia Fall 99–155      | B.C.           |         |                            | Mass. So.Cal.  |
| 79. serricollis Lec. 55–299   | L.Sup. Can.    |         |                            | Pa.Ill.Ala.Ga. |
| 80. poculifera Fall 99–157    | Nev. [N.H.     |         | pusilla ‡ Melsh. 44–116 (n | on Mann.)      |
|                               | Cal.           |         | morsa Lec. 55–302          |                |
| 81. prionodera Lec. 55–300    | S.C.           |         | rufula Lec. 55–303         |                |
| 82. carolina Fall 99–158      |                |         | subangulata Mots. 66-281   |                |
| 83. cribricollis Fall 99–159  | Tex.           | 02.     | floridana Fall 99–175      | Fla.           |
| 84. amplicollis Fall 99–159   | N.C.           |         | pumila Lec. 55–302         | N.HB.C.        |
| 85. scrrata (Payk.) 00–300    | Ct. Cosmop.    |         | aculifera Fall 99–175      | Fla. [Ind.     |
|                               | Ind. Fla.      | 04.     |                            | · la. [IIII.   |
| octodentata Say 23–325        | Neb. N.Y.      |         | (Corticarina Reit. 80–58)  |                |
|                               | Mich. So.Cal.  | 05.     | gibbosa Hbst. 93–5         | Cosmop. Ind.   |
| 86. incerta Fall 99–161       | N.H. L.Sup.    |         |                            | So.Cal.        |
| 87. apicalis Fall 99–161      | La.            | 06.     | incompta Fall 99–177       | So.Cal.        |
| 88. occidua Fall 99–162       | So.CalColo.    |         | similata Gyll. 27–134      | VancSo.Cal.    |
| 00. 0cc.qua 1 am 00 102       | Ariz.          | 01.     | herbivagans Lec. 55–302    | Cosmop.        |
| 89. dentigera Lec. 55-300     | Mich. Lab.     |         | laevis Lec. 55–302         | Cosmop.        |
| 33. delitigera 1xc. 33 300    | Mass. Colo.    | ΩQ      |                            | N.J.           |
|                               | Wash. Fla.     |         | regularis Lec. 55–301      |                |
| 00 tomino Ell 00 162          |                |         | terricula Fall 99–178      | Wy.            |
| 90. tenuipes Fall 99–163      | Cal. So.Cal.   |         | alberta Fall 99–179        | Alb.           |
| 91. temporalis Fall 99–164    | Tex.           | 11.     | longipennis Lec. 55–300    | Ind. Mass. Ia. |
| 92. brevicornis Fall 99–164   | Mass. Mich.    |         |                            | Fla.           |
|                               | Fla.           | 12.     | americana Mann. 44–50      | PaVanc.        |
| 93. elongata Gyll. 27–130     | So.Cal.        |         |                            | Ind. Ariz.     |
|                               | Cosmop.        |         | compta Lec. 55–301         | So.Cal.        |
|                               | Mich. Ind.     |         | expansa Lec. 55–301        | So.Cal.        |
|                               | Fla.           |         | grata Lec. 55–301          | L.Sup.         |
| 94. ferruginea Marsh. 02–111  | Ct. Cosmop.    |         | scissa Lec. 55–301         | So.Cal.        |
| •                             | Ind. Nfld.     | 13.     | cavicollis Mann. 44–57     | N.HMont.       |
|                               | Lab. Fla.      |         | angularis Lec. 55-301      | [Ind. Fla.?    |
|                               | So.Cal.        | 14      | tenella Lec. 55–301        | So.Cal.        |
| deleta Mann, 53–212           | Mich. Alas.    |         | pusilla Mann. 44–48        | Cal.           |
| denticulata Kby. 37–110       | L.Sup.         | _       | exiguua Mann. 53–212       | Alas.          |
|                               | W 04           |         | orbicollis Mann. 53–211    | Alas.          |
| kirbyi Lec. 55–300            | L.Sup.<br>N.Y. |         |                            | Pa.            |
| obtusa Lec. 55–300            | ~ ~            |         | helvola Mots. 66–275       | ~              |
| rugulosa Lec. 55–300          | L.Sup.         |         | inculta Mots. 66–283       | Ga.            |
| — canaliculata Mann. 53–211   |                | _       | inermis Mots. 66–283       | La.            |
| — debilis Mots. 67–61         | Pa.            | _       | eylindrinotata Mots. 66–2  | 688<br>C 1     |
| — depressiuscula Mots. 67–72  |                |         | 1 25 - 25                  | Cal.           |
| — ferruginosa Mots. 67–73     | Ga.            | _       | rectangula Mots. 67–87     | La.            |
| — spinulosa Mann. 52–361      | Alas.          | _       | ovipennis Mots. 67–81      | Pa.            |
| — striatopunctata Mots. 67-5  | 56 Pa.         | _       | pullula Mots. 67–89        | Ala.           |
| — transversalis Gyll. 27–133  | Eur.(N.Am.?)   | _       | serricella Mots. 67–93     | Ala.           |
|                               |                | _       | planiuscula Mots. 67–94    | Ala.           |
| Melanophthalma Mots. 66-269   |                |         |                            |                |
| (Cortilena Mots. 67–95)       |                | Fuchs   | ina Fall 99–183            |                |
| 10695. chamæropis Fall 99–171 | Fla.           |         | occulta Fall 99–183        | Cal. So.Cal.   |
| •                             |                |         |                            |                |

### MYCETÆIDÆ

Csiki 10

MYCETÆINI

Mycetæa Steph. 30-80 10716. hirta (Marsh.) 02-124

Eur. & N.Am. Md. N.Y. Mich. Pa. Mass.

#### LIESTHINI

**Rhanis** Lec. 53–360

10717. unicolor (Ziegl.) 44-272 M.&S.St. Ind. apicalis (Melsh.) 46-177

hæmorrhoidalis (Guér.) 57–275

Phymaphora Newn.

crassicornis (Melsh.) 46–176 puncticollis (Ziegl.) 44–271 10719. californica Horn 80–142 Cal.

Phymaphora Newn. 38–389

10718. pulchella Newn. 38–389

Can.M.&S. St. Ind. Man.

### **ENDOMYCHIDÆ**

Leconte 52; Gerstaecker 58; Crotch 73; Gorham 73; Csiki 10

### **ENDOMYCHINÆ**

#### LYCOPERDININI

| Lycop | erdina  | Latr. | 07 - 73 |   |
|-------|---------|-------|---------|---|
|       | 100 0 0 | ~ ~ . |         | ä |

(Golgia Muls. 46–20) 10720. ferruginea Lec. 24–172 M.&S.St.Ind.

angulata (Say) 25-303 Conn. L.Sup. glabrata Guér. 57–271

Aphorista Gorh.

a. ovipennis Csy. 16-144 L.Sup.

Aphorista Gorh. 73-45

10721. humeralis Gorh. 73-45

Cal. So.Cal.-Vanc.

22. læta (Lec.) 52–358 23. limbata (Horn) 70–96 Cal. endomychoides (Fall) 01-304 Cal.

24. morosa (Lec.) 59–82 ·

So.Cal. Colo.

25. pallida (Horn) 70–9626. vittata (Fab.) 87–44

M.&S.St.Ind. Conn. L.Sup.

[Man.

lineata (Oliv.) 08–1072 distincta (Say) 25–303

Mycetina Muls. 46–15

10727. perpulchra (Newn.)38–390 M.S. & W.St. Ind. Conn.

L.Sup.

quadriguttata (Melsh.) 46–176 28. horni Cr. 73–360 Cal. Or.

29. idahoensis Fall 07-174 Idaho

30. testacea (Ziegl.) 44-272 M.&St.Ind. ferruginea Guér. 57-267 [Conn. lutea (Melsh.) 46–176

pilosa (Melsh.) 46–176

Xenomycetes Horn 80-141

10731. morrisoni Horn 80–141 Nev.

#### EPIPOCINI

Epipocus Germ. 43–86

Tex. Mex. Tex. Mex. 10732. cinctus Lec. 52–358 33. mutilatus Gerst. 58–249

Ga. Fla. 34. punctatus Lec. 52–358 35. discoidalis Lec. 52-358 Tex.

**Epipocus** Germ.

10737. unicolor Horn 70–96 Ariz. Colo.

Epopterus Chev. 44–380

10738. partitus Gerst. 58–277 Mex. Tex.

36. bivittatus Gerst. 58-243 Tenn. S.C. Fla.

### STENOTARSINI

Stenotarsus Perty 32–112

10739. hispidus (Hbst.) 99–374 limbatus (Guér.) 57–270 vestitus (Say) 25–304 Conn. Fla. O.

N.C. 40. solidus Csy. 16–144

Anamorphus Lcc. 78–445

Rhymbomicrus Csy. 16-139

(Alexia‡auct.)

10741. lobatus (Lec. & Horn) 83-121

10742. pusillus (Zimm. mss.) Lec. 78–445 43. waltoni Blatch. 18–423 Ohio [ Ohio [Fla.

Rhymbus Gerst. 58-347

10744. ulkci (Cr.) 73–362 D.C. Fla. Ind.

a. granulatus (Blatch.) 10-535 Ind.

45. minor (Cr.) 73–362 D.C.Ill.Ga. minutus Gorh. 73-56 [La. Ind.

| Rhymbus Gerst.                 |      | Rhymbus Gerst.              |       |
|--------------------------------|------|-----------------------------|-------|
| (Symbiotes Redt. 49–198)       |      | 10749. montanus Csy. 16–140 | Colo. |
| 10746. impressus (Dury) 12–102 | Ohio | 50. lacustris Csy. 16–141   | Mich. |
| 47. waltoni (Dury) 12–103      | Ohio | 51. oblongus Csy. 16–142    | Pa.   |
| 48. duryi (Walton) 10–536      | Ohio | 52. pilosus Csy. 16–143     | N.Y.  |
|                                |      |                             |       |

# Endomychini

Endomychus Panz. 95–175 10753. biguttatus Say 24–96

M.S.W.St. Ind. Conn. L.Sup.

### PHALACRIDÆ

Leconte 56; Casey 90, 16

|                                                                                                                                                                                                                                                                                                                                                                     | Leconte 56;                                                                                                 | Casey 90, 16                                                                                                                                                                                                                                                                                                                                               |                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Phalacris Phalacrus Payk. 98–438 10754. vernicatus Csy. 16–37 55. sayi Csy. 90–96 56. penicillatus Say 34–91  57. rupimontis Csy. 16–38 58. capax Csy. 16–38 59. ovalis Lec. 56–15 60. californicus Csy. 16–39 61. atrolucens Csy. 16–39 62. jejunus Csy. 16–39 63. obsidianus Csy. 16–40 64. simplex Lec. 56–16 65. subacutus Csy. 16–40 66. validiceps Csy. 16–41 | N.C. N.Mex. Ariz. Colo. N.Mex. Ariz. So.Cal. Wy. So.Cal. So.Cal. Cal. Cal. Cal. Cal. Cal. Colo. [Ut. N.Mex. | Olibrus Er.  10788. irregularis Csy. 16–50  89. blanditus Csy. 16–50  90. aridus Csy. 16–50  91. decoloratus Csy. 16–51  92. bakeri Csy. 16–51  93. utealis Csy. 16–51  94. callidus Csy. 16–51  95. collucens Csy. 16–52  96. voraginalis Csy. 16–52  97. tritus Csy. 16–52  98. rufipes Lec. 56–16  99. pruddeni Csy. 16–53  10800. wickhami Csy. 90–109 | N.Mex. N.Mex. Ut. Ariz. Nev. Cal. Ut. N.Mex. Colo. N.Mex. Ariz. B.C. Or. B.C. Ariz. So.Cal. Ariz. N.Mex. N.Mex. |
| 67. mediocris Csy. 16–41<br>68. illini Csy. 16–41<br>69. conjunctus Csy. 90–99<br>70. arizonicus Csy. 16–42                                                                                                                                                                                                                                                         | Colo.<br>No. Ill.<br>So.Cal. Ariz.<br>Ariz.                                                                 | 02. cessus Csy. 16–54  Olibroporus Csy. 90–111 10803. punctatus Csy. 90–111                                                                                                                                                                                                                                                                                | N.Mex.                                                                                                          |
| 71. seriatus Lec. 56–15<br>72. pumilio Lec. 56–16<br>73. politus Melsh. 46–102                                                                                                                                                                                                                                                                                      | Colo. Kan.<br>Ga. Ind. Fla.<br>Conn.<br>Ind. R. I.<br>Mich. N.C.                                            | Litolibrus Sharp 88–258<br>10804. princeps Sz. 78–361<br>05. uniformis Csy. 90–115<br>06. pictus Horn 96–374                                                                                                                                                                                                                                               | Fla.<br>Tex.<br>L.Cal.                                                                                          |
| 74. subtropicus Csy. 16–43                                                                                                                                                                                                                                                                                                                                          | Mo. Fla.<br>TexMex.                                                                                         | Acylomus Sharp 88–256<br>10807. vacivus Csy. 16–76<br>08. morosus Csy. 16–76                                                                                                                                                                                                                                                                               | Fla.<br>Fla.                                                                                                    |
| <b>Phalacropsis</b> Csy. 90–101<br>10775. dispar (Lec.) 79–513<br><i>Olibri</i>                                                                                                                                                                                                                                                                                     | Colo.                                                                                                       | 09. carbonarius Csy. 16–77<br>10. ovulatus Csy. 16–77<br>11. vividus Csy. 16–77                                                                                                                                                                                                                                                                            | Fla.<br>Fla.<br>Fla.                                                                                            |
| <b>Olibrus</b> Er. 45–113                                                                                                                                                                                                                                                                                                                                           |                                                                                                             | 12. piceus Csy. 93–120                                                                                                                                                                                                                                                                                                                                     | D.C. N.C.                                                                                                       |
| 10776. vittatus Lec. 68–50                                                                                                                                                                                                                                                                                                                                          | Fla. N.Y                                                                                                    |                                                                                                                                                                                                                                                                                                                                                            | Ind.                                                                                                            |
| nigricollis Lec. 68–50<br>77. lecontei Csy. 90–103<br>bicolor ‡ Lec. 56–16 (nec.)                                                                                                                                                                                                                                                                                   | N.Mex.<br>N.Y. Dak.<br>R.IVa. Mo.<br>Fab.)                                                                  | 13. crgoti Csy. 93–119<br>14. pugetanus Csy. 16–79<br>15. digestus Csy. 16–79<br>16. integer Csy. 16–80<br>17. nebulosus Csy. 93–121                                                                                                                                                                                                                       | Ind. IaMass.<br>Wash.<br>N.C.<br>Tex.<br>So.Cal.                                                                |
| 78. egenus Csy. 16–46 79. abstinens Csy. 16–46 80. semistriatus Lec. 56–16 striatulus Lec. 56–16 81. lubricus Csy. 16–47 82. frustratus Csy. 16–47 83. bullatus Csy. 16–47 sternalis Csy. 16–48 84. impotens Csy. 90–108                                                                                                                                            | Fla. Dak. L.I. R.IOnt. Ind. [Ariz. L.Sup. TexDak. N.Y. Ill. L.I. N.YIll.                                    | 18. eximius Csy. 16–81 19. abjectus Csy. 16–81 20. confusus Csy. 16–82 21. socialis Csy. 16–82 22. texanus Csy. 16–83 23. calcaratus Csy. 93–117 24. humilis Csy. 16–84 25. extricatus Csy. 93–118 26. cllipticus Csy. 16–84                                                                                                                               | Tex. Tex. La. Tex. Tex. Tex. Tex. Tex. Ark.Miss. Tex. Tex. Tex.                                                 |
| 85. neglectus Csy. 16–48<br>86. pallipes (Say) 34–90<br>87. fallaciosus Csy. 16–49                                                                                                                                                                                                                                                                                  | N.HN.Y.<br>Ind. R.I. Fla.<br>Minn. Ariz.<br>Ut.                                                             | Stilbus Seid. 72–157<br>(Olistherus    Seid. 72–157)<br>(Eustilbus Sharp 88–253)<br>10827. viduus Csy. 93–126                                                                                                                                                                                                                                              | N.CCal.                                                                                                         |

| Stilbu | s Seid.                   |                | Stilbus Seid.                   |                |
|--------|---------------------------|----------------|---------------------------------|----------------|
| 10828. | pallidus Csy. 93–127      | R.I. Mass.     | 10851. quadrisetosus Csy. 16–66 | Mich. L.I.     |
|        |                           | N.Y.           | 52. ochraceus Csy. 16–67        | Cal.           |
| 29.    | apicalis (Melsh.) 46–102  | N.YSo.Cal.     | 53. belfragei Csy. 16-67        | Tex.           |
|        | · ·                       | Ind. Ct.       | 54. modestus Csy. 93–133        | Tex.           |
|        | consimilis Marsh. ‡ nec M | elsh.          | 55. pusillus (Lec.) 56–17       | D.C. Fla.      |
|        |                           | Fla. L.Sup.    | 56. abbreviatus Ćsy. 16–68      | Fla.           |
| 30.    | shastanicus Csy. 16–58    | Cal.           | 57. galvestonicus Čsy. 16–69    | Tex.           |
| 31.    | probatus Csy. 16–59       | Ia. N.Y.       | 58. subalutaceus Csy. 93–133    | N.J.           |
|        |                           | Man.           | 59. angustus Csy. 16–70         | Va.            |
| -32.   | nanulus Csy. 93–131       | TexSo.Cal.     | · ·                             |                |
| 33.    | limbatus Csy. 16–59       | Fla.           | Leptostilbus Csy. 16-71         |                |
| 34.    | ludibundus Csy. 16–60     | N.Y.?          | 10860. rutilans Csy. 16–72      | Tex.           |
| 35.    | floridanus Csy. 93–129    | Fla.           | 61. concinnus Csy. 16–72        | Miss.          |
| 36.    | finitimus Csy. 16–61      | Ia. N.Y.       | 62. clongatulus (Csy.) 93–136   | Fla.           |
| 37.    | obscurus Csy. 93–130      | Ia. Ill. Minn. |                                 |                |
| 38.    | sphæriculus Csy. 16–61    | R.I.           | Litochrus Er. 45–108            |                |
|        | fidelis Csy. 16–62        | Fla.           | 10863. pulchellus Lec. 56–17    | Fla. Tex.      |
| 40.    | prudens Čsy. 16–62        | Fla.           | 64. crucigerus Csy. 93–138      | Fla.           |
| 41.    | obtusus (Lec.) 56–17      | So.Cal.        | •                               | N.J. S.C. Fla. |
| 42.    | apertus Csy. 16–63        | So.Cal.        | 66. aterrimus Csy. 93–140       | Fla.           |
| 43.    | notabilis Fall 01–230     | So.Cal.        | Torothorolitary C . 10 07       |                |
| 44.    | nitidus (Melsh.) 46–102   | L.I. Fla. Tex. | Erythrolitus Csy. 16–85         | NT COURSE IT I |
|        |                           | Ind. L.Sup.    | 10867. rubens (Lcc.) 56–16      | N.C. Fla. Ind. |
| 45.    | convergens Csy. 93–134    | Fla.           | Litochropus Csy. 93-140         |                |
| 46.    | trisetosus Csy. 16–64     | Va.            | 10868. scalptus Csy. 93–141     | N.C. D.C.      |
|        | ludovicianus Csy. 16–65   | La.            | 69. clavicornis Csy. 16–86      | Tex.           |
|        | aquatilis (Lcc.) 56–17    | So.Cal.        | ov. clavicornis esy. 10 00      | I CA.          |
|        | thoracicus Csy. 16–66     | N.Y.           | Ochrolitus Sharp 89–256         |                |
|        | attenuatus Csy. 93–135    | Tex.           |                                 | Fla.           |
|        |                           |                | · ·                             | 4              |

# COCCINELLIDÆ

Mulsant 51, 53, 66; Crotch 73, 74; Leconte 80; Casey 99, 08; Leng 03, 08, 11; Johnson 10

# COCCINELLINÆ

# Hyperaspini

|        |                            | XXII DIG       | 101 1111 |                           |                |
|--------|----------------------------|----------------|----------|---------------------------|----------------|
| Hyper  | aspis Chev. 35–459         |                | Нуре     | raspis Chev.              |                |
| -      | (Oxynychus Lec. 50–238)    |                | 10886.   | æmulator Csy. 08–413      | Ariz.          |
|        | (Cleothera Muls. 51–541)   | •              | 87.      | triangulum Csy. 99–123    | Ariz.          |
| .0871. | bolteri Lec. 80–186        | lll. Ind.      | 88.      | regalis Csy. 99–124       | Fla.           |
| 72.    | octonotata Csy. 99–121     | Ariz.          | 89.      | imperialis Csy. 08–415    | Mex. & U.S.?   |
| 73.    | montanica Csy. 99–122      | Mont.          | 90.      | inedita Muls. 51–684      | N.C.           |
| 74.    | lateralis Muls. 51–657     | Mex.& So.Cal.  | 91.      | bicentralis Csy. 99–124   | Tex.           |
|        | pinguis Csy. 99–122        | Ariz.          | 92.      | globula Csy. 99–124       | Tex.           |
|        | omissa Csy. 99–122         | Ariz.          | 93.      | centralis Muls. 51–685    | Mex.           |
|        | lævipennis Csy. 99–122     | Cal.           |          | wickhami Csy. 99–124      | Tex.           |
| a.     | flammula Nun. 11–72        | Mont. Colo.    | 94.      | oculifera Csy. 08–415     | Ariz.          |
| 75.    | wellmani Nun. 11–73        | Nev.           | 95.      | osculans Lec. 80–187      | Cal. Ariz.     |
|        | idæ Nun. 12–430            | Cal.           | 96.      | pleuralis Csy. 99–125     | Tex.           |
| 77.    | bigeminata (Rand.) 38-32   | Tex. Mass.     | 97.      | significans Csy. 08–416   | Ut.            |
|        | :                          | Fla. Ind.      | 98.      | concurrens Csy. 08–416    | Ut.            |
|        | guexi Muls. 51–687         | [L.Sup.        |          | aterrima Csy. 08–416      | Ut.            |
|        | hæmatosticta Fall 07–222   |                | 10900.   | tæniata Lcc. 52–134       | So.Cal. Ariz.  |
| 79.    | signata (Oliv.) 08–1047    | Fla.Ga.Ill.Pa. |          | excelsa Fall 01–232       | So.Cal.        |
|        |                            | Ind.           |          | lengi Schfr. 05–144       | Tex.           |
|        | binotata (Say) 25–302      | Ind.Fla.Conn.  |          | nevadica Csy. 99–125      | Nev.           |
|        | normata (Say) 25–302       | [L.Sup.        |          | psyche Csy. 99–125        | Cal.           |
|        | affinis Rand., 38–50       | Mass. L.Sup.   |          | dissoluta Cr. 73–379      | L.Sup. So.Cal. |
|        | leucopsis Melsh. 46–179    |                |          | colorodana Csy. 08–417    | Colo. [Ind.    |
| 80.    | proba (Say) 25–503         | Fla. Pa. Ill.  |          | trifurcata Schfr. 05–143  | Tex.           |
|        |                            | Ind. Conn.     | 08.      | fimbriolata Melsh. 46–180 | Kan. L.Sup.    |
|        | rotunda Csy. 99–123        | Tex.           |          |                           | Fla. Ind. Pa.  |
|        | gemina Csy. 99–123         | Tex.           |          | rufomarginata Muls. 51-6  |                |
|        | fastidiosa Csy. 08–414     | Cal.           |          |                           | Tex. Colo.     |
| 84.    | conspirens Csy. 08–414     | Ariz.          |          |                           | So.Cal. Fla.   |
| 85.    | sexverrucata (Fab.) 01–383 |                | 0.0      | 1' 1 1' C 00 100          | Ariz. Conn.    |
|        | medialis Csy. 99–123       | Tex.           | 09.      | limbalis Csy. 99–126      | Cal.           |
|        |                            |                |          |                           |                |

| Hyperaspis Chev.                                    |                              | Helesius Csy. 99-129                                        |                           |
|-----------------------------------------------------|------------------------------|-------------------------------------------------------------|---------------------------|
| 10910. protensa Csy. 08–417                         | Ariz.                        | 10952. nubilans Csy. 99–129                                 | Tex.                      |
| 11. cincta Lec. 58–89                               | Cal.                         | 53. nigripennis (Lec.) 79–453                               | Colo.                     |
| 12. nupta Csy. 99–126                               | Cal.                         |                                                             |                           |
| 13. inflexa Csy. 99–126                             | Dak.                         | Hyperaspidius Cr. 73–382                                    | NA Y                      |
| 14. screna Csy. 08–417                              | Pa.                          | 10954. vittigera (Lcc.) 52–133                              | Mex. Kan.                 |
| 15. elliptica Csy. 99–126                           | Cal.                         | trimaculatus Cr. 73–382 n                                   | Dak.                      |
| angustula Csy. 99–127<br>16. postica Lec. 80–188    | Cal.                         | trimaculatus Cr. 13–362 i                                   | So.Cal. Ariz.             |
| 17. nunenmacheri Csy. 08–417                        |                              | 55. oblongus Csy. 08–421                                    | Tex.                      |
| 18. oculaticauda Csy. 99–127                        | Cal.                         | trimaculatus Csy. 99–130                                    |                           |
| 19. effeta Csy. 99–127                              | Cal.                         | 56. pallescens Csy. 08–420                                  | Ariz.                     |
| 20. subdepressa Csy. 99–127                         | Cal.                         | 57. comparatus Čsy. 99–130                                  | Cal.                      |
| 21. disconotata Muls. 51–653                        |                              | 58. ingenitus Csy. 99–131                                   | N.Mex.                    |
| 22. troglodytes (Muls.) 53–219                      |                              | 59. insignis Csy. 99–131                                    | Colo.                     |
| discreta Lec. 80–187                                | Mass.                        | 60. arcuatus (Lcc.) 52–133                                  | So.Cal.                   |
| 23. lugubris (Rand.) 38–52                          | Ill. Mass.<br>(Ariz.?)       | 61. militaris (Lec.) 52–133                                 | S.C. Fla.<br>Mass.        |
| venustula Muls. 51–671                              | (AIIZ.1)                     | 62. transfugatus Csy. 99–131<br>63. conspiratus Csy. 99–131 | Cal.                      |
| jucunda    Lec. 52–134                              |                              | 64. wolcotti (Nun.) 11–73                                   | Ind.                      |
| lecontei Cr. 74–233                                 | Ill.                         | 65. ploribunda (Nun.) 11–74                                 | Nev.                      |
| 24. quadrioculata (Mots.) 45-                       |                              | 551 P-32-3511 (C. 1111) 1 2                                 |                           |
|                                                     | Cal.                         | Brachyacantha Chev. 42-704                                  |                           |
| clegans Gorh. 94–199 nec N                          | Auls.                        | 10966. bistripustulata (Fab.) 01-                           |                           |
| 25. notatula Csy. 99–121                            | Nev.                         |                                                             | Tex.                      |
| 26. horni Cr. 73–381                                | Cal.                         | a. dccora Csy. 99–119                                       | Tex.                      |
| 27. spiculinota Fall 01–232                         | So.Cal.                      | b. minor Leng 11–298                                        | Tex.                      |
| 28. fidelis Csy. 08–418                             | Cal.                         | 67. dentipes (Fab.) 01–381                                  | E.N.Am. Fla.              |
| 29. bensonica Csy. 08–418                           | Ariz.                        | a. socialis Csy. 99–119                                     | Kan.                      |
| 30. undulata (Say) 24–92                            | Ind. Pa. Can.                | b. separata Leng 11-301                                     | Va.<br>Ariz. Tex.         |
| •                                                   | Vt. Mass.<br>Ariz.(So.Cal.?) | 68. subfasciata Muls. 51–527<br>69. quadrillum Lec. 58–89   | Tex.                      |
|                                                     | Ill. Pa. L.Sup.              | 70. blaisdelli Nun. 09–132                                  | Nev. Cal.                 |
|                                                     | Conn.                        | 71. tau Lec. 59–28                                          | Neb. Mont.                |
| elegans Muls. 51–658                                | Comi                         | 72. ursina (Fab.) 87–61                                     | E.N.Am. Ind.              |
| maculifera Melsh. 47–179                            |                              | stellata Csy. 99–117                                        | Ill. Mo. Ky.              |
| a. guttifera Weise 95–128                           |                              |                                                             | Ind.                      |
| 31. octavia Csy. 08–419                             | Miss.                        | a. congruens Csy. 99–117                                    | N.C. Ga.                  |
| 32. paludicola Sz. 78–362                           | Fla.                         | b. uteella Csy. 08–413                                      | Ut.                       |
| 33. filiola Csy. 08–419                             | Ariz.                        | c. sonorana Csy. 08–412                                     | Ariz. N.Mex.              |
| 34. annexa Lec. 52–133                              | So.Cal. Kan.                 | 73. testudo Csy. 99–118                                     | Tex.                      |
| 35. revocans Csy. 08–419                            | Ut. [Ill.                    | 74. felina (Fab.) 75–87                                     | E.N.Am.                   |
| 36. quadrivittata Lec. 52–133                       | ~ :                          | a. decempustulata Melsh. 47                                 |                           |
| 37. tetraneura Csy. 08–420                          | Colo. [Ind.                  | 75. bolli Cr. 73–379                                        | Pa. Ind. Fla.<br>Tex. La. |
| 38. mœrens (Lec.) 50–238 consimilis Lec. 52–134     | L.Sup.<br>L.Sup.             | 76. arizonica Schfr. 08–125                                 | Ariz.                     |
| 39. simulans Csy. 99–128                            | Ariz.                        | 77. indubitabilis Cr. 73–379                                | E. N.Am.                  |
| 40. falli Nun. 12–450                               | Nev.                         | 78. fenyesi Leng 11–316                                     | Colo.                     |
| 41. weisei Schfr. 08–126                            | Tex.                         | 79. quadripunctata Melsh. 47                                |                           |
| kunzei ‡ Schfr. 05–145 nec                          |                              | 1                                                           | E.N.Am. Ind.              |
| 42. lcvrati (Muls.) 51–613                          | Mex. & Ariz.                 | basalis Melsh. 47–179                                       | Fla. [Fla.                |
| 43. metator Csy. 08–413                             | Tex.                         | diversa Muls. 51–538                                        |                           |
| 44. nigrosuturalis Blatch. 18–                      |                              | a. confusa Muls. 51–537                                     | E. N.Am.                  |
| 4F 1 T 00 10F                                       | Fla.                         | b. flavifrons Muls. 51–531                                  | E. N.Am. Fla.             |
| 45. crucnta Lec. 80–187                             | Tex.                         | 80. floridensis Blatch. 16–93                               | Fla.                      |
| 46. lewisi Cr. 73–380                               | U.S.                         | 81. albifrons (Say) 24–94                                   | Neb. Colo.                |
| 47. tædata Lec. 80–187                              | Fla. '<br>Ga. Tex.           | 82. illustris Csy. 99–118                                   | Colo. [Mont. Cal.         |
| 48. gemina Lec. 80–188<br>49. pratensis Lec. 52–134 | Ind. Mo. Kan.                | 83. pacifica Csy. 99–119<br>84. lengi Nun. 12–449           | Cal.                      |
| 50. punctata Lee. 80–188                            | Tex. [N.J.                   | 85. querceti Sz. 78–362                                     | Fla.                      |
| 51. tristis Lec. 80–188                             | Colo. So.Cal.                | 86. lepida Muls. 51–523                                     | Tex.                      |
| — ?floridana Muls. 51–1040                          | Fla.                         | — erythrocephala (Fab.) 87-                                 |                           |
| - subsignata Cr. 74-226                             | Mex. Tex.                    | , , , , , , , , , , , , , , , , , , ,                       | Not N.Am.                 |
| — festiva Muls. 51–659                              | Brazil                       | Thalassa Muls. 51–511                                       |                           |
|                                                     | (N.Am.?)                     | 10987. montezumæ Muls. 51–512                               | La. Ariz. Mex.            |
|                                                     |                              |                                                             |                           |

# Microweiseini

| Microweisea Ckll. 03-38                   | Microweisea Ckll.                      |
|-------------------------------------------|----------------------------------------|
| (Smilia    Weise 91–285)                  | reversa Fall 01–231 So.Cal.            |
| (Pentilia ‡ Lec. 78–400)                  | 10991. minuta (Csy.) 99–135 Tex.       |
| (Pseudoweisca Sz. 04–118)                 | 92. planiceps (Csy.) 99–135 Cal.       |
| ( <i>Epismilia</i>    Ckll. 00–606)       | 93. coccidivora (Ashm.) 80–10 Fla.     |
| 10988. marginata (Lec.) 78–400 Mich. N.Y. | 94. ovalis Lec. 78–400 Fla. (So.Cal.?) |
| 89. misella (Lec.) 78–400 Ct. Fla. Can    | felschei Weise 91–288 Fla.             |
| Tex. Ind.                                 | 95. suturalis Sz. 04–118 So.Cal.       |
| 90. atronitens (Csy.) 99–135 Cal.         |                                        |
|                                           |                                        |

# Cranophorini

| <b>Nipus</b> Csy. 99–132       |         | Nipus Csy.               |      |
|--------------------------------|---------|--------------------------|------|
| 10996. biplagiatus Csy. 99–133 | So.Cal. | 10997. niger Csy. 99–133 | Cal. |

# Scymnini

| Stethorus Weise 85-22                           | ~~~                  | Scymnus Kug.                                          |                        |
|-------------------------------------------------|----------------------|-------------------------------------------------------|------------------------|
| 10998. punctum (Lec.) 52–114                    | E. N.Am. Ind.        | 11028. collaris Melsh. 47–180                         | Ind. Fla.Conn.         |
| 99. picipes Csy. 99–136                         | Cal. [L.Sup.         | subtropicus Csy. 99–143                               | Tex.                   |
| 11000. brevis Csy. 99–136                       | Cal.                 | 29. horni Ġorh. 97–229                                | Ariz.                  |
| 01. utilis (Horn) 95–107                        | Fla.                 | 30. cockerelli Csy. 99–144                            | N.Mex.                 |
| 02. atomus Csy. 99–136                          | Tex.                 | 31. uteanus Csy. 99–144                               | Ut.                    |
|                                                 |                      | 32. rhesus Csy. 99–144                                | Ind.                   |
| <b>Didion</b> Csy. 99–137                       |                      | 33. fastigiatus Muls. 51–986                          | Ind.                   |
| 11003. longulum Csy. 99–137                     | Cal.                 | chatchas Muls. 51–986                                 |                        |
| 04. parviceps Csy. 99–137                       | Cal.                 | 34. indutus Csy. 99–145                               | Pa.                    |
|                                                 |                      | puncticollis Horn 95–102 i                            | nec Lec.               |
| Selvadius Csy. 99-137                           |                      | 35. puncticollis Lec. 52–139                          | Ind. Conn.             |
| 11005. rectus Csy. 99–138                       | Ariz.                | 36. agricola Csy. 99–145                              | R.I.                   |
|                                                 |                      | 37. innocens Csy. 99–145                              | N.C.                   |
| Scymnus Kug. 94–547                             |                      | 38. solidus Csy. 99–145                               | Cal.                   |
| (Pullus Muls. 51–976)                           |                      | 39. desertorum Csy. 99–145                            | Nev.                   |
| (Diomus Muls. 51–951)                           |                      | 40. apacheanus Csy. 99–146                            | Ariz.                  |
| (Scymnobius Csy. 99–139)                        | G 1                  | 41. monticola Csy. 99–146                             | Colo.                  |
| 11006. flavescens Csy. 99–139                   | Colo.                | 42. aridus Csy. 99–146                                | Ut.                    |
| 07. pallens Lec. 52–137                         | Ariz. Cal.           | subsimilis Csy. 99–150                                | Ut.                    |
| 00 ' 11 11 01 004                               | So.Cal.              | 43. luctuosus Csy. 99–146                             | Cal.                   |
| 08. mimus Fall 01–234                           | So.Cal.              | 44. humboldti Csy. 99–146                             | Cal.                   |
| 09. nugator Csy. 99–140                         | Colo.                | 45. sonomæ Csy. 99–147                                | Cal.                   |
| 10. semiruber Horn 95–102                       | Fla. Tex.            | 46. gilæ Csy. 99–147                                  | Ariz.                  |
| 11. creperus Muls. 51–985                       | N.C.Tex.             | 47. decipiens Csy. 99–147                             | Ut.                    |
| astutus Muls. 51–986                            | Ariz.                | 48. garlandicus Csy. 99–147                           | Colo.                  |
| a. fraternus Lec. 52–138                        | M.St. Ind. Fla.      | 49. blaisdelli Csy. 99–147                            | Cal.                   |
| toyonya Cay 00 141                              | Conn. L.Sup.<br>Tex. | 50. advena Csy. 99–147                                | Cal.                   |
| texanus Csy. 99–141<br>12. brullei Muls. 51–984 | Fla.                 | 51. extricatus Csy. 99–148<br>52. ardelio Horn 95–105 | Cal.<br>Ariz. Fla. Tex |
| 13. hæmorrhous Lec. 52–138                      | Ariz.? Fla.          | 92. arueno 110111 99-109                              | B.C. So.Cal.           |
| 15. næmormous Lec. 52 156                       | Ind. N.Y.            | 53. jacobianus Csy. 99–148                            | Cal.                   |
| dentipes Fall 01–234 &                          | Mass.                | 54. jacinto Csy. 99–148                               | Cal.                   |
| a. divisus Csy. 99–140                          | Kan.                 | 55. tenebrosus Muls. 51–989                           | Atl. St. Ind.          |
| b. laurenticus Csy. 99–140                      | Can.                 | 56. compar Csy. 99–148                                | Ind. [Conn.            |
| c. subæneus Csy. 99–141                         | Tex.                 | 57. infans Csy. 99–149                                | Ariz.                  |
| 14. postpictus Csy. 99–141                      | Wy.                  | 58. weidti Csy. 99–149                                | Ut.                    |
| 15. rubricauda Csy. 99–141                      | Kan. Ind.            | 59. abbreviatus Lec. 52–140                           | L.Sup.                 |
| 16. chromopyga Čsy. 99–141                      | Pa.                  | 60. lacustris Lec. 52–140                             | L.Sup. Ariz.?          |
| 17. canterius Čsy. 99–142                       | R.I.                 | renoicus Csy. 99–149                                  | Nev.                   |
| 18. cervicalis Muls. 51–984                     | Fla. So. St.         | a. nigrivestis Muls. 51–990                           | La.                    |
|                                                 | CanMo.               | 61. tahoensis Csy. 99–150                             | Cal.                   |
| 19. kansanus Csy. 99–142                        | Kan. [So.Cal.        | 62. mormon Csy. 99–150                                | Ut.                    |
| 20. marginicollis Mann. 43–313                  | 3 Cal. So.Cal.       | 63. saginatus Csy. 99–150                             | Cal.                   |
| californicus Boh. 59–207                        | [Ariz.               | 64. strenuus Csy. 99–150                              | Cal.                   |
| 21. consobrinus Lec. 52–139                     | L.Sup.               | 65. mendocino Csy. 99–151                             | Cal.                   |
| 22. iowensis Csy. 99–143                        | Ia.                  | 66. stygicus Csy. 99–151                              | Cal.                   |
| 23. natchezianus Csy. 99–143                    |                      | 67. tenuivestris Csy. 99–151                          | Cal.                   |
| 24. caudalis Lec. 50–238                        | AlaColo. Ind.        | calaveras Csy. 99–150                                 | Cal.                   |
|                                                 | Tex.                 | 68. papago Csy. 99–151                                | Ariz.                  |
| 26. kinzeli Csy. 99–143                         | Fla.                 | 69. flebilis Horn 95–100                              | Ariz. So.Cal.          |
| 27. socer Lec. 52–139                           | Ga.                  | 70. nubes Csy. 99–151                                 | Ariz.                  |
|                                                 |                      |                                                       |                        |

| ~ 77                                                  |                               | a 77                                                        |                    |
|-------------------------------------------------------|-------------------------------|-------------------------------------------------------------|--------------------|
| Scymnus Kug.                                          | LaSo.Cal.                     | Scymnus Kug.<br>11103. sordidus Horn 95–93                  | So.Cal.            |
| 11071. cinctus Lee. 52–137<br>72. lecontei Cr. 74–264 | Cal. [Ariz.                   | 04. intrusus Horn 95–95                                     | Fla. Md. Tex.      |
| suturalis    Lee. 52–138                              | Cal. [Allz.                   | 05. inops Csy. 99–156                                       | Fla. Ind.          |
| 73. sarpedon Csy. 99–152                              | Cal.                          | 06. oeulatus Blatch. 17–140                                 | Fla.               |
| 74. paeificus Cr. 73–77                               | Cal. So.Cal.                  | 07. balteatus Lec. 78–399                                   | Fla.               |
| 75. strabus Horn 95–100                               | N.Mex.                        | 08. bigenmeus Horn 95–88                                    | Fla.               |
| 76. eoniferarum Cr. 73–77                             | ColoSo.Cal.                   | 09. tædatus Fall 01–233                                     | So, Cal.           |
| 77. punctatus Melsh. 47–180                           | CanTex.                       | 10. dichrous Muls. 51–951                                   | N. Am.?            |
| 78. oceiduus Csy. 99–153                              | Nev. [Man.                    | 11. quadritæniatus Lee. 78–40                               | 0 FlaLa.           |
| 79. nanus Lec. 52–140                                 | Mich. Fla.                    | 12. myrmidon Muls. 51–954                                   | Pa. Md. Fla.       |
|                                                       | So.Cal. Ariz.                 | 13. adulans Csy. 99–157                                     | N.C.               |
| 80. eireumspectus Horn 95–96                          |                               | 14. liebecki Horn 95–89                                     | N.J. Ind.          |
| 81. opaeulus Horn 95–96                               | Colo.                         | 15. terminatus Say 35–203                                   | Fla. N.E. Am.      |
| 82. americanus Muls. 51–965                           | N.E. Am. Ind.<br>L.Sup. Conn. | femoralis Lec. 52–136<br>a. brunneseens Csy. 99–158         | Pa. [Ind. Tex.     |
| 83. eaurinus Horn 95–97                               | CalWash.                      | 16. partitus Csy. 99–158                                    | Tex. Ind.          |
| 84. innocuus Csy. 99–154                              | Nev.                          | 17. houstoni Csy. 99–158                                    | Tex.               |
| 85. rustieus Csy. 99–154                              | Ind.                          | 18. xanthaspis Muls. 51–952                                 | Ga. Fla. Tex.      |
| 86. alutieollis Čsy. 99–154                           | Cal.                          | 19. appalaeheus Csy. 99–158                                 | N.C.               |
| 87. difficilis Csy. 99–154                            | Cal.                          | 20. stigma Csy. 99–158                                      | Fla.               |
| 88. phelpsi Cr. 73–77                                 | No. CalB.C.                   | 21. dulcis Csy. 99–159                                      | Kan.               |
| 89. nebulosus Lec. 52–137                             | So.Cal.                       | 22. æger Csy. 99–159                                        | Mich. Ill. Fla.    |
| 90. megacephalus Fall 01–233                          |                               | 23. debilis Lee. 52–137                                     | Cal.               |
| 91. bivulnerus Horn 95–92                             | Fla.                          | 24. pusio Csy. 99–159                                       | Fla.               |
| 92. bisignatus Horn 95–92                             | Cal.                          | 25. redtenbacheri Muls. 46-240                              |                    |
| 93. flavifrons Melsh. 47–181                          | CanGaInd.                     | — ?icteratus Muls. 51–969                                   | N.Am.?             |
| a bicaulatus Mula 51 060                              | Fla.<br>N.JGa. Fla.           | — ?eyanescens Muls. 51–993<br>— ?atramentarius Boh. 58–20   |                    |
| a. bioculatus Muls. 51–960<br>guttiger Muls. 51–965   | N.JGa. Fla.                   | — ?atramentarius Boh. 58–20<br>— ?infuscatus Boh. 58–209    | Cal.??             |
| marginellus Muls. 51–965                              |                               | - ?arcuatus Rossi 92–88                                     | Eur. & N.Am.?      |
| 94. ornatus Lec. 52–135                               | L.Sup. Mass.                  | inicuatus 1tossi 32 00                                      | 1741. 66 1 1.71111 |
| 95. sanguinifer Csy. 99–155                           | Mass.                         | <b>.</b>                                                    |                    |
| 96. naviculatus Csy. 99-155                           | Colo.                         | Cephaloscymnus Cr. 73–382                                   | MIDCCC             |
| 97. amabilis Lec. 52–135                              | La.                           | 11126. zimmermanni Cr. 73–382                               |                    |
| 98. guttulatus Lec. 52–136                            | So.Cal.                       | 27. occidentalis Horn 95–111                                | Ind.               |
| 99. bijugus Fall 09–162                               | L.Cal.                        | 27. occidentalis Horii 95–111                               | So.Car. Arrz.      |
| 11100. scitus Csy. 99–156                             | Cal.                          |                                                             |                    |
| 01. suavis Csy. 99–156                                | Cal.                          | Cryptolæmus Muls. 50–140                                    | 10.1               |
| 02. coloradensis Horn 95–94                           | Colo.                         | 11128. montrouzieri Muls. 53–140                            | TCal.              |
|                                                       | Novi                          | INI                                                         |                    |
| Rodolia Muls. 51-902                                  |                               | Anovia Csy. 08–408                                          |                    |
| (Vedalia ‡ auet.)                                     |                               | 11131. virginalis (Wickh.) 05–166                           | Ut. Tex.           |
| 11129. cardinalis (Muls.) 51-906                      | †Cal. Fla.                    |                                                             |                    |
| Novius Muls. 51–942                                   | ·                             | Exoplectra Chev. 42-545                                     |                    |
| 11130. kœbelci (Olliff) Coq. 93–24                    | .†Col                         | 11132. subænescens Gorh. 95–214                             | Mex. & Ariz.       |
| 11130. kapela (Ollin) Coq. 93°24                      | _                             |                                                             |                    |
| * to 1 C                                              | RHIZO                         |                                                             |                    |
| Lindorus Csy. 99–162                                  | 4C-1 C- C 1                   | Rhizobius Steph. 32–396                                     |                    |
| 11133, lophantæ (Blaisd.) 92–51                       |                               | (Rhyzobius ‡ auct.)                                         | +C-1               |
| toowoombæ (Blaekb.) 92–                               | 204                           | 11134. ventralis (Er.) 42–239<br>35. debilis Blackb. 88–201 | †Cal.<br>†Cal.     |
|                                                       |                               | 99. depins Diacky, 90-201                                   | 1 Jai.             |
| _                                                     | Scymni                        | LLINI                                                       |                    |
| <b>Zagloba</b> Csy. 99–113                            | (1.1                          | Zagloba Csy.                                                | 70                 |
| 11136. ornata (Horn) 95–111                           | Cal.                          | 11140. hystrix Csy. 99–114                                  | Tex.               |
| 37. laticollis Csy. 99–114                            | Cal.                          | Scymnillus Horn 95–110                                      |                    |
| 38. orbipennis Csy. 99–114                            | Cal.<br>Fla.                  | 11141. aterrimus Horn 95–110                                | No. Cal. Or.       |
| 39. bieolor Csy. 99–114                               | 114.                          | 42. cochisiensis Nun. 12–451                                | Ariz. [So.Cal.     |
|                                                       | OENE                          | INI                                                         |                    |
| Delphastus Csy. 99-111                                | OIME                          | Delphastus Csy.                                             |                    |
| (Cryptognatha Cr. nec Mul                             | s.)                           |                                                             | So. St.            |
| (Oeneis Lec. nec Muls.)                               |                               | 11144. sonoricus Csy. 99–112                                | So.Cal. Ariz.      |
| 11143. pusillus (Lec.) 52–135                         | N.Y. Fla. Tex.                | 45. eatalinæ (Horn) 95–83                                   | So.Cal.            |
|                                                       | Ind. So.Cal.                  | 46. pallidus (Lec.) 78–400                                  | Fla.               |
|                                                       | Conn.                         | }                                                           |                    |

† Introduced.

# Coccidulini

|                                                                                                                                                                                    | Coccide                                                                             | ULINI             |                                                                                                                                         |                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Coccidula Kug. 98-421<br>11147. lepida Lec. 52-132                                                                                                                                 | CanPa. Ind.<br>Conn.                                                                | 11148.            | <b>dula</b> Kug.<br>occidentalis Horn 95–114<br>suturalis Weise 95–132                                                                  | WyVanc.<br>Ohio                                    |
| •                                                                                                                                                                                  | Psyllob                                                                             | ORINI             |                                                                                                                                         |                                                    |
| Psyllobora Chev. 42–606 11150. viginti-maculata (Say) 24  obsoleta Csy. 99–101 a. parvinotata Csy. 99–101 b. pallidicola Blatch. 14–66 c. renifer Csy. 99–102 d. tædata Lec. 57–70 | 4–96<br>R.IWis. Ind.<br>Ia.<br>Fla.<br>Fla.<br>Tex.<br>Pac. Coast,<br>So.Cal. Ariz. | 11151.<br>52.     | bora Chev. borealis Csy. 99–102 separata Csy. 99–102 deficiens Csy. 99–102 nana Muls. 51–181 kæbelei Nun. 11–71 plagiata Schffr. 08–125 | Idaho<br>Cal.<br>Cal.<br>Fla.<br>Ariz.<br>Ariz.    |
|                                                                                                                                                                                    | Coccini                                                                             | ELLINI            |                                                                                                                                         |                                                    |
| Anisosticta Chev. 35–456                                                                                                                                                           |                                                                                     | Hippo             | odamia Dej.                                                                                                                             |                                                    |
| 11154. bitriangularis Say 24–269<br>multiguttata Rand. 38–51<br>?novemdecim-punctata L.                                                                                            | Mass.                                                                               |                   | parenthesis (Say) 24–93                                                                                                                 | No. St. Cal.<br>Ind. Ariz.<br>Mass. Md.            |
| strigata ‡ auct. nec Thunb<br>dohrniana Joh. nec Muls.<br>a. irregularis Weise 85–14                                                                                               |                                                                                     |                   | lituricollis Fitch 61–853<br>confluenta Fitch 61–853<br>insulata Fitch 61–853                                                           | Dak.Ut.Colo.<br>N.Y.<br>N.Y.<br>N.Y.               |
| Næmia Muls. 51–30<br>11155. seriata (Melsh.) 47–177<br>a. litigiosa Muls. 51–31                                                                                                    | ConnFla. · So.CalSo.                                                                |                   | nimia Fitch 61–853<br>tridentifrons Fitch 61–853<br>permacrifrons Fitch 61–855<br>triangularis Fitch 61–853                             | 3 N.Y.                                             |
| Macronæmia Csy. 99-76                                                                                                                                                              | 0)                                                                                  |                   | albomaculata Fitch 61–853                                                                                                               |                                                    |
| ( <i>Micronamia</i> Weise 05–215 11156. episcopalis (Kby.) 37–228                                                                                                                  | 8)<br>No. St. & Can.<br>Cal. Kan. Wy.<br>Colo.                                      |                   | linearis Fitch 61–853<br>approximata Fitch 61–853<br>discopunctata Fitch 61–85<br>connata Fitch 61–853                                  | 3 N.Y.<br>N.Y.                                     |
| Ceratomegilla Cr. 73–365<br>(Megilla    Muls. 51–24)                                                                                                                               |                                                                                     |                   | tridens Kby. 37–229<br>lunato-maculata Mots. 45-                                                                                        | N.W.St. Can<br>-382                                |
| 11157. ulkei Cr. 73–365<br>58. fuscilabris (Muls.) 66–22                                                                                                                           | H.B.T.<br>U.S. & Can.<br>Ind. So.Cal.                                               | a.                | apicalis Csy. 99–81<br>expurgata Csy. 08–400                                                                                            | Or.Cal.Ut.Wy.<br>Nev. Cal.<br>Colo.                |
| a. floridana (Leng) 03–38                                                                                                                                                          | [Ariz.<br>Tex.<br>Fla. La.<br>Fla.                                                  |                   | lengi Joh. 10–865<br>III<br>sinuata Muls. 51–1011<br>trivittata Csy. 99–81                                                              | So.Cal. Cal. Cal.                                  |
| (Paranæmia Csy. 99–76)<br>59. vittigera (Mann.) 43–312                                                                                                                             | So.Cal. Kan.                                                                        | a.                | crotchi Csy. 99–80<br>interrogans Muls. 56–139<br>spuria Lec. 67–358                                                                    | Cal. Or. Wash.                                     |
| a. similis (Csy.) 99–76                                                                                                                                                            | Mex.<br>Colo. Ariz.                                                                 |                   | complex Csy. 99–80<br>cockerelli Joh. 10–849<br>lineata Joh. 10–46                                                                      | Vanc. [So.Cal.<br>ColoWy.<br>Wash.                 |
| Adonia Muls. 51–37 11160. variegata (Goeze) 77–246 constellata (Laich.) 81–123 mutabilis (Scriba) 90–183                                                                           | Eur. & N.S.?<br>1                                                                   | 68.<br>69.<br>70. | faleigera Cr. 73–368<br>americana Cr. 73–368<br>dispar Csy. 99–79<br>oregonensis Cr. 73–367<br>glacialis (Fab.) 75–80                   | H.B.T.<br>?Kan. H.B.T.<br>Colo.<br>Or.<br>PaMoInd. |
| <b>Eriopis</b> Muls. 51–6<br>11161. connexa (Germ.) 24–621                                                                                                                         | S.Am. & U.S.?<br>Cal.? Vanc.?<br>Tex.                                               | , 1,              | abbreviata (Fab.) 87–54                                                                                                                 | Mass. N.C.<br>Dak.                                 |
| Hippodamia Dej. 36-456                                                                                                                                                             |                                                                                     | 72.               | remota (Web.) 01–49<br>quindecim-maculata Muls                                                                                          | . 51–20<br>Mo. Kan. Ark.                           |
| 11162. tredecim-punctata (L.) 65-                                                                                                                                                  | -336<br>H.B.TCal.<br>Ind. Alas. Sib.<br>Atl.St. Ut.                                 | 73.               | convergens Guér. 46–321<br>modesta Melsh. 47–178                                                                                        | U.S. & Can.<br>Ind. So.Cal.<br>Fla. Ariz.          |
| tibialis (Say) 24–94<br>signata (Fald.) 32–398                                                                                                                                     | N.Dak. Minn.                                                                        |                   | obsoleta Cr. nomen nudun<br>punctulata Lec. 52-131<br>ambigua Lec. 52-131                                                               | Cal.<br>So.Cal. Or.                                |

| Hippodamia Dej.                                         |                              | Coccinella L.                                          |                             |
|---------------------------------------------------------|------------------------------|--------------------------------------------------------|-----------------------------|
| obliqua Csy. 99–79                                      | Cal.                         | d: vandykei Nun. 09–161                                | Nev.                        |
| politissima Csy. 99–80<br>11174. lecontei Muls. 51–1010 | Cal.<br>Colo. N.Mex.         | e. nevadica Csy. 99–88<br>f. melanocollis Joh. 10–62   | Nev.<br>Cal.                |
| 111.1. Reconcer with s. of 1010                         | Cal. Ariz.                   | 11186. bridwelli Nun. 13–76                            | Cal.                        |
| a. cascyi Joh. 10–21                                    | Wash.                        | 87. monticola Muls. 51–115                             | No. St. Vanc.               |
| mulsanti Lec. 52–131                                    | L.Sup.                       |                                                        | L.Sup. Conn.                |
| b. vernix Csy. 99–79<br>c. subsimilis Csy. 99–79        | Wy.Mont.Id.<br>Cal.          | lacustris Lec. 52–131                                  | Lab.                        |
| d. utcana Csy. 08–397                                   | Ut. (Cal.?)                  | sellica Joh. 10–63                                     | Cal. N.H.                   |
| e. abducens Csy. 08–396                                 | Colo.                        | postica Joh. 10–63                                     | Cal.                        |
| pseudoglacialis Joh. 10–2                               | 3                            | confluenta Joh. 10–63                                  | Cal.                        |
| defecta Joh. 10–21<br>f. juncta Csy. 99–80              | Cal.                         | alutacea Csy. 99–89<br>impressa Csy. 99–89             | N.Mex.<br>Cal.              |
| 75. quinquesignata Kby. 37-                             |                              | biguttata Joh. 10–63                                   | Colo.                       |
| * * *                                                   | H.B.TKan.                    | a. difficilis Cr. 73–370                               | Ut. Colo.                   |
|                                                         | Ariz. Nfld.                  | b. suturalis Csy. 99–89                                | Colo.<br>Ut.Kan.Cal.        |
| a. puncticollis Csy. 99–78                              | Can. Rocky<br>Mts. So.Cal.   | c. prolongata Cr. 73–371                               | Ut.Kan.Car.                 |
| b. lilliputana Csy. 08–397                              | Colo.                        | (Spilota Billb. 20–61)                                 |                             |
| c. coccinea Csy. 08–395                                 | Colo.                        | 88. undecimpunctata L. 58–30                           | 56<br>Eur.&N.Am.            |
| d. leporina Muls. 56–135                                | Cal.                         | menctriesi Muls. 51–104                                | Sib.&No.Cal.                |
| 76. extensa Muls. 51–17<br>77. moesta Lec. 54–16        | Or.Vanc.B.C.                 | menetical alua. Of 101                                 | Alas.                       |
| a. bowditchi Joh. 10–45                                 | No.Rocky                     | Cycloneda Cr. 74–162                                   |                             |
|                                                         | Mts.                         | (Daulis    Muls. 51-296)                               |                             |
| Neoharmonia Csy. 99–90                                  | M.&S.St. Ind.                | 11189. sanguinea (L.) 63–11                            | No.& So.Am.<br>Ind. Ariz.   |
| 11178. venusta (Melsh.) 46–175                          | Ark.Kan.La.                  | a. immaculata (Fab.) 92–267                            |                             |
| a. dissimila Blatch. 14–66                              | Fla. Md.                     | 90. munda (Say) 35–202                                 | MeManPa.                    |
| 79. notulata (Muls.) 51–83                              | La. Fla.                     | a. polita Csy. 99–93                                   | Cal. B.C. Id.               |
| 80. ampla (Muls.) 51–81                                 | Mex.& So.<br>U.S. Tex.       | rubripennis Csy. 99–92                                 | Tex. So.Cal.                |
| Coccinella L. 58–364                                    | U.D. ICX.                    | 91. atra Csy. 99-93                                    | N.Am.?                      |
| 11181. perplexa Muls. 51–1021                           | No.St.Can.                   | 52. <b></b> 52 <b>.</b> , 50 52                        |                             |
|                                                         | IndConn.                     | Olla Csy. 99–93                                        | m a a l                     |
| ?trifasciata L. 58–365                                  | N.Y.<br>Eur.& Sib.           | 11192. abdominalis (Say) 24–95                         | TexSo.Cal.<br>Ind.          |
| a. eugenii Muls. 66–95                                  | Cal.                         | semilunaris Joh. 10-66                                 | ArizTex.                    |
| b. juliana Muls. 56–135                                 | Or.Cal.                      | minuta Csy. 08–406                                     | Tex.                        |
| barda Lec. 60–286                                       | Or.                          | a. plagiata Csy. 99–94                                 | So.Cal. So.&<br>W. St. Tex. |
| c. subversa Lec. 54–19<br>82. humboldtiensis Nun. 12–4  |                              | fenestralis Csy. 99-95                                 | N.Mex. [Ariz.               |
|                                                         | No.Cal.                      | oculata ‡ auct. nec Fab.                               | 2112120111 (0111211         |
| 83. tricuspis Kby. 37–231                               | H.B.TMich.                   | b. sobrina Csy. 99–94                                  | Fla.                        |
| 84. novemnotata Hbst. 93-269                            | Sib.<br>O Atl StOr           | Adalia Muls. 51–49                                     |                             |
| 94. novemnotata 110st. 99 20.                           | Ind. So.Cal.                 | 11193. bipunctata (L.) 58–364                          | Eur. & N.Am.                |
| conjuncta Fitch 61–849                                  | N.Y.                         |                                                        | Conn. Ind.                  |
| confluenta Fitch 61–849                                 | N.Y.<br>N.Y.                 | bioculata (Say) 24–94                                  | 90                          |
| inæqualis Fitch 61–849<br>parvamaculata Fitch 61–8      |                              | quadrimaculata Scop. 63–<br>94. frigida (Schn.) 92–172 | Eur. Sib.&                  |
|                                                         | N.Y.                         | 01. 11.g.d. (2011.) 01 11-                             | N.Am. Ind.                  |
| divisicollis Fitch 61–849                               | N.Y.                         | 1 1 (D 1 ) 00 90                                       | Conn.                       |
| a. degener Csy. 99–88<br>orcgona Csy. 08–403            | N.Mex. Ariz.<br>Or. [Colo.   | hyperborea (Payk.) 99–38<br>ornatella Csy. 99–86       | Colo.                       |
| b. franciscana Muls. 53–19                              | Mex. U.S.?                   | immaculata Joh. 10–68                                  | Colo.                       |
| c. johnsoni Csy. 08–403                                 | So.Cal. [So.Cal.             | melanopleura Lec. 60–286                               |                             |
| 85. transversoguttata Fald. 3.                          |                              | parvula Weise 85–22                                    | Eur. N.Am.?                 |
|                                                         | Sib. U.S.?Lab.<br>Nev. Conn. | siberica Weise 85–22                                   | Mass. Eur.                  |
|                                                         | Greenland                    | faceta Weise 85–22                                     | Mass. Eur.                  |
| a. quinquenotata Kby. 37-2                              |                              | postica Joh. 10–68                                     | Mass.                       |
| transversalis    Muls. 51–1                             | ColoMont.                    | a. disjuncta (Rand.) 38–33                             | Me. Mass.<br>Wis.           |
| transversans    Muis. 31-1                              | 17 [L.Sup. So.Cal.           | b. humeralis (Say) 24–95                               | CanCal.                     |
| interrupta Fitch 61–851                                 | N.Y.                         |                                                        | Ariz.                       |
| b. nugatoria Muls. 51–1021                              | Ut. Colo.                    | 95. annectans Cr. 73–371                               | Colo.N.Mex.                 |
| e. californica Mann. 43–312                             | So.Cal. Or.<br>Wash.         | ovipennis Csy. 99–86<br>transversalis Csy. 99–86       | Cal. [Cal. N.Mex.           |
|                                                         | . ,                          | Cransversans Osy, 55 00                                | AL TYLINGEN                 |

| Adalia Muls. sexpustulata Joh. 10–71 ocellata Joh. 10–71 ophthalmica Muls. 51–56 coloradensis Csy. 08–401 a. duplicata n.m. humcralis ‡ Joh. 10–71 ne ?ludoviciæ Muls. 51–36                                                                                                                                                                                                                        | Colo.                                                                                                                           | Anisocalvia Cr. 11201. quatuordecimguttata (L.)  a. similis (Rand.) 38–50 b. cardisce (Rand.) 38–32 c. victoriana Csy. 99–96 d. obliqua (Rand.) 38–33 ?hcsperica Cr. 73–374                                                                           | 58-367<br>Eur. & N.Am.<br>Mass. L.Sup.<br>Me.<br>B.C.<br>Me.<br>Ariz.                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cleis Muls. 51–208 (Pseudocleis Csy. 08–406) 11196. picta (Rand.) 38–51  blanchardi Joh. 10–72 contexta Muls. 51–87 concinnata (Melsh.) 47–1 a. minor Csy. 99–95 97. hudsonica Csy. 94–96  Agrabia Csy. 99–87 (Harmonia ‡ auct. nec M 11198. cyanoptera (Muls.) 51–82 99. sicardi Nun. 12–448 a. complexa Nun. 12–448 Anisocalvia Cr. 71–329 11200. duodecim-maculata (Gebl incarnata (Kby.) 37–231 | U.S. & Can. Nfld. Mass. Ariz. So.Cal.  77 Cal. Vanc. H.B.T. N.H.  uls.) Mex.&N.Mex. Cal. [Ariz. Cal. Sib. & N.Am. [Conn. L.Sup. | 08. interrupta Csy. 99–99 09. randalli Csy. 99–99                                                                                                                                                                                                     | Atl. St. Ind. [L.Sup. Sib. Wis. Id. Atl. St. Ind. Cal. Or. Ariz. N.Mex. Colo.  6-129) L.Sup.Atl. St. Ind.  Mass. Lab. Or. So.Cal. N.Mex. Colo. Ariz. L.SupLab. |
| a. elliptica Csy. 99–97  Axion Muls. 50–477                                                                                                                                                                                                                                                                                                                                                         | H.B.T.                                                                                                                          | 10. montana Csy. 99–100  ORINI  Exochomus Redt.                                                                                                                                                                                                       | Colo.                                                                                                                                                          |
| 11211. pilatei Muls. 51–478 12. tripustulatum (DeG.) 75–  verrucatus (Melsh.) 47–18 13. incompletus Nun. 11–71 14. plagiatum (Oliv.) 08–1044 alutaceum Csy. 99–106 a. texanum Lec. 58–88  b. pleurale Lec. 59–90                                                                                                                                                                                    | R.ITex. Fla.<br>30<br>Ill.                                                                                                      | prætextatus Melsh. 47–17<br>deflectens Csy. 08–410<br>a. childreni Muls. 41–1037<br>guexi Lec. 52–132<br>contristatus Muls. 51–492<br>b. latiusculus Csy. 99–108<br>c. californicus Csy. 99–107<br>desertorum Csy. 99–108<br>d. fasciatus Csy. 99–108 | Mo.<br>FlaSo.Cal.<br>[Ariz.                                                                                                                                    |
| Chilocorus Leach 17–116 11215. tumidus Leng 08–37 16. cacti L. 67–584 a. confusor Csy. 99–105 17. bivulnerus Muls. 51–460 fraternus Lec. 57–70 a. orbus Csy. 99–105 18. similis Rossi 90–68  Arawana Leng 08–38                                                                                                                                                                                     | Va. Fla. Tex. Ariz. So.Cal. U.S. & Can. [Ind. Fla. So.Cal. †Ga. China                                                           | (Brumus Muls. 51-492) 22. aethiops Bland 64-72 a. mormonicus Csy. 08-411 23. orbiculatus Leng 08-41 24. högei Gorh. 94-180 25. septentrionis Weise 85-230 a. nevadensis Leng 08-42 b. ovoideus Csy. 99-107 c. parvicollis Csy. 08-411                 | NebAriz. Ut. [Colo. Ariz. ColoMcx. H.B.T. Man Nev. [Tex. Colo. Ariz. Ut.                                                                                       |
| 11219. arizonica (Csy.) 99–107 <b>Exochomus</b> Redt. 43–118                                                                                                                                                                                                                                                                                                                                        | Ariz.                                                                                                                           | 27. histrio Fall 01–230                                                                                                                                                                                                                               | Atl. St.<br>So.Cal.                                                                                                                                            |
| . 11220. marginipennis Lec. 24–174                                                                                                                                                                                                                                                                                                                                                                  | N.YFla. Ind.<br>L.Sup.                                                                                                          | <b>Orcus</b> Muls. 51–467<br>11228. chalybeus (Boisd.) 35–595                                                                                                                                                                                         | †Cal.                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                     | EPILACH                                                                                                                         | NINÆ                                                                                                                                                                                                                                                  |                                                                                                                                                                |
| <b>Epilachna</b> Chev. 44–359<br>11229. borealis (Fab.) 75–82                                                                                                                                                                                                                                                                                                                                       | Fla. Conn.<br>Ind.                                                                                                              | maculiventris Bland 64–72                                                                                                                                                                                                                             | Mex.                                                                                                                                                           |
| 30. mexicana Guér. 46–519                                                                                                                                                                                                                                                                                                                                                                           | Mex. Border                                                                                                                     | juncta Joh. 10–79<br>a. cuprea Ckll. 18–153<br>32. toweri Joh. 10–78                                                                                                                                                                                  | Colo.<br>Tex.                                                                                                                                                  |

† Introduced.

# TENEBRIONOIDEA

# ALLECULIDÆ (Cistelidæ)

Casey 91; Borchmann 10

# ALLECULINÆ

| Lobopoda Sol. 35-233                                                 | Hymenorus Muls.                                                        |
|----------------------------------------------------------------------|------------------------------------------------------------------------|
| (Allecula ‡ auct.)                                                   | 11271. ruficollis Champ. 88–438 Mex. Ariz.                             |
| 11233. sordida (Horn) 94–432 L.Cal.                                  | 72. dissensus Csy. 91–109 Tex.                                         |
| 34. socia Lec. 54–84 Tex.                                            | 73. scriatus Csy. 91–109 Ariz.                                         |
| 35. subcuneata Csy. 91–79 Tex.                                       | 74. testaceus Csy. 91–110 Ariz.                                        |
| 36. punctulata (Mclsh.) 46–59 N.JTex. Fla.                           | 75. rotundicollis Csy. 91–111 Ariz.                                    |
| 37. oculatifrons Csy. 91–81 Tex. [Ind.                               | 76. inquilinus Csy. 91–112 Cal.                                        |
| 38. erythrocnemis (Germ.) 24-164                                     | 77. fusicornis Csy. 91–112 Cal. So.Cal.                                |
| La. Fla.                                                             | 78. nitidipennis Csy. 91–113 Ariz.                                     |
| 39. atra (Say) 27–242 Conn. Pa.                                      | 79. inæqualis Csy. 91–114 Ariz.                                        |
| nigrans (Melsh.) 46–60 Pa. Fla.                                      | 80. tenellus Csy. 91–115 Fla.                                          |
| 94                                                                   | 81. sobrinus Csy. 91–115 Fla.                                          |
| Stenochidus Lec. 62–244                                              | 82. floridanus Csy. 91–116 Fla.                                        |
| 11240. robustus Schffr. 11–125 Cal.                                  | 83. confertus Lec. 66–136 Cal. Ariz.?                                  |
| 41. cyanescens Lec. 59–78 So. & No.Cal.                              | 84. fusculus Csy. 91–117 Cal. So.Cal.                                  |
| a. carbonarius Schffr. 11–126 Cal. [Nev.                             | 85. macer Csy. 91–118 Cal. So.Cal.                                     |
| 42. gracilis Lec. 51–150 So.Cal.                                     | 86. indutus Csy. 91–119 Tex. Ariz.                                     |
| Alathia Champ 00 417                                                 | 87. punctatissimus Lec. 66–138 Ariz. So.Cal.                           |
| Alethia Champ. 88–417<br>11243. carbonaria Schffr. 05–176 Ariz.      |                                                                        |
| 11245. carbonaria Scintr. 05-170 Ariz.                               | 88. dcplanatus Champ.88–440 Mex. Ariz.                                 |
| <b>61</b>                                                            | 89. gemellus Csy. 91–121 Ariz.<br>90. uniseriatus Csy. 91–122 Cal.     |
| Charisius Champ. 88–421                                              |                                                                        |
| 11244. floridanus Linell 99–184 Fla.                                 | 91. planulus Horn 94–434 L.Cal.<br>92. spinifer Horn 94–434 Cal. Ariz. |
| 75 1 74 204                                                          | 93. granulatus Blatch. 12–331 Fla.                                     |
| Hymenorus Muls. 51–201                                               | 99. granulatus Diaten. 12-991 Fia.                                     |
| 11245. humeralis Lec. 66–315 Ky.                                     | Menœceus Champ. 88-443                                                 |
| 46. niger (Melsh.) 46–59 CanTex. Fla.                                | 11294. texanus Champ. 88–444 Tex.                                      |
| Ind.                                                                 | 11201. texanus Champ. 60 111 Yex.                                      |
| 47. infuscatus Csy. 91–90 Cal. So.Cal.                               | Phedius Champ. 88-447                                                  |
| 48. picipennis Csy. 91–90 Mich.                                      | 11295. funereus Schffr. 05–176 Ariz.                                   |
| 49. punctulatus Lec. 59–78 Cal. (Fla.?)                              | 96. opaculus Horn 94–431 Cal.                                          |
| 50. melsheimeri Csy. 91–92 Mich. Ind.                                | bo. opacarab from 0.1 for car.                                         |
| 51. pilosus (Melsh.) 46–58 Mass. Va. Ind. obesus Csy. 91–93 N.Y.     | Telesicles Champ. 88-450                                               |
|                                                                      | 11297. cordatus Champ. 88–451 Mex. Tex. Ariz.                          |
| • • • • • • • • • • • • • • • • • • •                                | 112011 COTALCAGO CHAMPI CO 201 212011 2 CHILLIAN                       |
|                                                                      | Tedinus Csy. 91–153                                                    |
| 54. curticollis Csy. 91–95 Iowa<br>55. obscurus (Say) 27–242 N.YTex. | 11298. angustus Csy. 91–154 Ga.                                        |
| 55. Obscurus (Say) 27–242 R.11ex. Fla. Ind.                          |                                                                        |
| 56. communis Lec. 66–135 N.C. Fla.                                   | Pseudocistela Cr. 73–108                                               |
| 57. discrepans Csy. 91–98 Cal.                                       | (?Gonodera Muls. 56-41)                                                |
| 58. grandicollis Champ. 88–429                                       | (Cistela ‡ auct. ncc Fab.)                                             |
| Mex. Ariz.                                                           | 11299. brevis (Say) 23–269 Pa. Ind. Conn.                              |
| 59. apacheanus Csy. 91–99 Ariz. [So.Cal.                             | a. erythroptcra (Ziegl.)44–46 Pa.                                      |
| 60. exiguus Csy. 91–100 Tex.                                         | 11300. theveneti (Horn) 75–156 Cal.                                    |
| 61. helvinus Csy. 91–101 Tex.                                        | 01. pinguis (Lec.) 66–64 Kan.                                          |
| 62. porosicornis Csy. 91–101 Tex.                                    | brevis ‡ (Lec.) 59–16                                                  |
| 63. intermedius Csy. 91–102 Tex.                                     | 02. opaca (Lec.) 59–78 Cal. So.Cal.                                    |
| 64. prolixus Csy. 91–103 Ariz. N.Mex.                                | *                                                                      |
| 65. occidentalis Champ. 88–425                                       | 03. marginata (Ziegl.) 44–46 Pa. N.Y.                                  |
| C.Am. Tex.                                                           |                                                                        |
| Ariz. Ind.                                                           | Isomira Muls. 56–52                                                    |
| 66. dorsalis Sz. 78–370 Fla.                                         | 11304. iowensis Csy. 91–145 Iowa                                       |
| 67. discretus Csy. 91–105 Mass. N.Y.                                 | 05. discolor Csy. 91–145 Cal.                                          |
| rufipes Henshaw No. 7596 <sup>1</sup> [Fla.                          | 06. tcnebrosa Čsy. 91–146 N.Y.                                         |
| 68. convexus Csy. 91–106 Fla. Tex.                                   | 07. sericea (Say) 23–270 MassN.C.                                      |
| 69. densus Lec. 66–138 Fla. Tex. O.                                  | Fla. Ind.                                                              |
| 70. elbertæ Blatch. 18–57 Fla. [Ind.                                 | 08. variabilis Horn 75–156 So.Cal. Wash.                               |
|                                                                      |                                                                        |

<sup>&</sup>lt;sup>1</sup> Authorities differ as to the interpretation of rufipes Lec. See 11331.

| Isomira Muls.                     |                | Mycetochara Berth.                                        |                 |
|-----------------------------------|----------------|-----------------------------------------------------------|-----------------|
| 11309. luscitiosa Csy. 91–148     | Cal. So.Cal. • | 11327. foveata Lcc. 66–140                                | Mich. Ia. Ind.  |
| 10. pulla (Melsh.) 46–60          | R.IN.C.        | 28. gilvipes Csy. 91–131                                  | N.C.            |
| —— 11. quadristriata Couper 65-62 | 2 CanN.C.      | 29. nigerrima Csy. 91–132                                 | N.Y.            |
| velutina Lec. 66–139              | N.Y. [Ind.     | 30. lccontei Borchm. 09–714                               |                 |
| 12. similis Blatch. 10-1278       | Ind.           | gracilis    Lec. 78–615                                   | Mich.           |
| 13. monticola Csy. 91–150         | Cal.           | 31. rufipes Lec. 24–170 <sup>1</sup>                      | N.Y. Mich.      |
| 14. oblongula Csy. 91–151         | N.Y. Ind.      | II                                                        |                 |
| 15. valida Sz. 78–370             | Fla.           | 32. marginata Lec. 78-618                                 | Mich.           |
| 16. texana Csy. 91–153            | Tex.           | 33. binotata (Say) 24–285                                 | Ind. Mich.      |
| 17. ruficollis Ham. 93–308        | Pa.            | 55. Innotata (bay) 21 265                                 | N.Y. Conn.      |
| 18. ignora Blatch. 14–144         | Fla.           | 34. horni Dury 02–172                                     | Ohio            |
|                                   |                | 35. longula Lec. 78–618                                   | MichInd.        |
| Chromatia Lcc. 62–244             |                | 36. bicolor Coup. 65–62                                   | Can.            |
| 11319. amœna (Say) 23–268         | N.Y. Ky. Ind.  | 37. analis Lee. 78–618                                    | Mich. N.J.      |
|                                   | Conn.          | 38. lugubris Lec. 78–618                                  | Mich.           |
| Capnochroa Lec. 62–244            |                | TIT                                                       | 2722011         |
| 11320. fuliginosa (Melsh.) 46–59  | N.Y. Va. Ind.  | 20 lii- C 01 120                                          | C- C-1          |
|                                   | Conn.          | 39. longipennis Csy. 91–139                               | So.Cal.         |
| Mycetochara Berth. 27-371         |                | 40. pacifica Csy. 91–139                                  |                 |
| (Mycetophila    Gyll. 10-5        | 41)            | 41. procera Csy. 91–140                                   | So.Cal. Id.     |
| (Mycetocharis Gyll. 27–51         |                | 42. pubipennis Lec. 78–617                                | So.Cal.<br>Nev. |
| (Mycetochares Latr. 29-42         |                | 43. nevadensis Csy. 91–142<br>44. crassulipes Csy. 91–142 | No.Cal.         |
| (Mycetocharus Steph. 29-2         |                | 44. Crassumpes Csy. 91–142                                | No.Car.         |
| (Stigmatoma Lec. 62-244)          | ,              | Lystronychus Latr. 29-41                                  |                 |
| T                                 |                | (Xystronia Sol. 35–238)                                   |                 |
| 11321. haldcmani Lec. 66–140      | N.YFla. Ind.   | 11345. championi Horn 94–443                              | L.Cal.          |
| 22. fraterna (Say) 23–270         | CanPa. Ind.    | 46. piliferus Champ. 88–462                               | Mex. Tex.       |
| laticollis Lec. 78–617            | Cant-rating.   | 47. scapularis Champ. 88–463                              |                 |
| 23. puncticollis Blatch. 17–276   | 3 Fla          | 47. Scapmans Champ. 60 100                                | MICA. IIIIZ.    |
| 24. megalops Csy. 91–129          | Ind.?          | Prostenus Latr. 25–377                                    |                 |
| 25. basillaris (Say) 23–269       | Pa.            | (Mecocerus Sol. 35–241)                                   |                 |
| 26. tenuis Lec. 66–140            | Ind. N.Y. O.   | (Xystropus Csy. nec Sol.)                                 |                 |
|                                   | Mich.          |                                                           | (Cal.?) †       |
|                                   |                | 200                                                       | , , , ,         |
|                                   |                |                                                           | •               |

### **OMOPHLINÆ**

| Andrimus Csy. 91–155                                                                                                                                      | Andrimus Csy.                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Cteniopus ‡ Lec. 66–64 nec Sol.)                                                                                                                         | 11354. confusus Blatch. 12–331 Fla.                                                                                                                         |
| 11349. murrayi (Lec.) 66–141 Fla. 50. brunneus Csy. 91–157 Fla. 51. concolor Csy. 91–158 Ga. 52. nigrescens Csy. 91–159 Fla. 53. convergens Csy. 91–159 ? | Androchirus Lec. 66–64 11355. erythropus (Kby.) 37–239 Can. Ind. N.C. fuscipes (Melsh.) 46–60 luteipes Lec. 66–64 56. femoralis (Oliv.) 95–54 S.C. Ga. Fla. |

# TENEBRIONIDÆ

Horn 70; Casey 95, 07, 08, 10, 11, 12; Gebien 10, 11

# TENTYRIINÆ

Casey, 07

CNEMODININI

| Cnem   | odinus Ckll. 06–242          |  |
|--------|------------------------------|--|
|        | (Cnemodus   Horn 70-266)     |  |
| 11357. | testaceus Horn 70-266 So.Cal |  |

Cnemodinus Ckll.

11358. angustus Csy. 07–284 Ariz. 59. subhyalinus Csy. 07–285 S.W.Utah

### EURYMETOPINI

| Eurymetopon Esch. 31-8      |         | Metoponium Csy. $07-288$           |
|-----------------------------|---------|------------------------------------|
| 11360. ochraceum Esch. 31–8 | Cal.?   | (Eurymetopon ‡ auct. nec Esch.)    |
| 61. rufipes Esch. 31–8      | So.Cal. | 11362. laticolle Csy. 07–291 Ariz. |

<sup>&</sup>lt;sup>1</sup> Authorities differ as to the interpretation of rufipes Lec. See 11267. † Introduced.

| Metoponium Csy.                                        |                        | Telabis Csy.                                               |                   |
|--------------------------------------------------------|------------------------|------------------------------------------------------------|-------------------|
| 11363. abnorme Lcc. 51–138                             | So.Cal.                | 11427. sodalis Horn 70–268                                 | So.Cal.           |
| 64. faustum Csy. 07–292                                | So.Cal.                | 28. fidelis Csy. 07–320                                    | So.Cal.           |
| 65. candidum Csy. 07–292                               | Ariz.                  | 29. debilis Csy. 90–343                                    | Ariz.             |
| 66. pallescens Csy. 07–293                             | Ariz.                  | 30. crassula Csy. 90–344                                   | Tex. Ariz.        |
| 67. congruens Csy. 07–293                              | N.Mex.                 | 31. timida Csy. 07–320                                     | Ariz.             |
| 68. perforatum Csy. 90–334<br>69. anceps Csy. 07–294   | Ariz.<br>N.Mex.        | 32. compar Csy. 07–321<br>33. curticollis Csy. 07–321      | Ariz.<br>Ariz.    |
| 70. arizonicum Csy. 07–294                             | Ariz.                  | 34. vapida Csy. 07–322                                     | Tex.              |
| 71. socium Csy. 07–295                                 | Ariz.                  | 35. incisa Csy. 07–322                                     | So.Cal.           |
| 72. subsimile Čsy. 07–295                              | Ariz.                  | sodalis ‡ Csy. 90–343                                      |                   |
| 73. parvuliceps Csy. 07–296                            | Ariz.                  | 36. aspera Csy. 07–322                                     | Colo.             |
| 74. rufopiceum Csy. 07–296                             | Ariz.                  | 37. famelica Csy. 07–323                                   | N.Mex.            |
| 75. saginatum Csy. 07–296                              | Tex.                   | 38. lustrella Csy. 07–323                                  | N.Mex.            |
| 76. carbonatum Csy. 07–297                             | Ariz.                  | 39. pavida Csy. 07–324                                     | N.Mex.            |
| 77. procerum Csy. 07–297<br>78. prolixum Csy. 07–298   | Ariz.<br>Ariz.         | 40. ovalis Csy. 07–324<br>41. inops Csy. 07–325            | Ariz.<br>Ariz.    |
| 79. papagonum Csy. 84–42                               | Ariz.                  | 42. aliena Csy. 07–325                                     | Ariz.             |
| sculptile Csy. 84–44                                   | Ariz.                  | 43. serrata Lec. 66–106                                    | Ariz. Tex.        |
| 80. fusculum Csy. 90–335                               | Ariz. So.Cal.          | 44. blanda Csy. 07–326                                     | Tex. [So.Cal.     |
| 81. truncaticeps Csy. 07–299                           | Ariz.                  | ·                                                          |                   |
| 82. crassum Csy. 07–299                                | Ariz.                  | Cryptadius Lec. 51–140                                     |                   |
| 83. egregium Csy. 07–300                               | So.Cal.                | 11445. inflatus Lec. 51–140                                | So.Cal.           |
| 84. extensum Csy. 07–300                               | Ariz.                  | 46. oviformis Csy. 07–328                                  | So.Cal.           |
| 85. dubium Csy. 84–44                                  | Ariz.<br>Ariz.         | 47. punctipennis Csy. 07–328                               |                   |
| 86. phœnicis Csy. 07–301<br>87. hebes Csy. 01–301      | Ariz.                  | 48. curvipes Csy. 07–329                                   | Cal.              |
| 88. rufescens Csy. 07–302                              | Ariz.                  | Emmenides Csy. 07-329                                      |                   |
| 89. congener Csy. 90–333                               | Tex.                   | 11449. punctatus Lec. 66–106                               | L.Cal.            |
| 90. politum Csy. 90–338                                | Tex.                   | •                                                          |                   |
| 91. testaceum Csy. 07–303                              | So.Cal.                | Armalia Csy. 07–330                                        |                   |
| 92. ludificans Csy. 07–303                             | Tex.                   | 11450. texanus Lec. 66–108                                 | Tex.              |
| 93. piceum Csy. 84–40                                  | Ariz.                  | 51. angularis Csy. 07–331                                  | Tex.              |
| 94. emarginatum Csy. 84–41                             | Ariz.<br>Ariz.         | Hylocrinus Cov. 07 221                                     |                   |
| 95. fatigans Csy. 07–304<br>96. cribriceps Csy. 07–305 | Tex.                   | <b>Hylocrinus</b> Csy. 07–331<br>11452. tenuis Csy. 07–333 | Ariz.             |
| 97. cognitum Csy. 07–305                               | Tex.                   | 53. longulus Lec. 51–139                                   | So.Cal. Ariz.     |
| 98. concors Csy. 07–305                                | So.Cal.                | 54. filitarsis Csy. 07–333                                 | So.Cal.           |
| 99. tersum Csy. 07–306                                 | So.Cal.                | 55. breviusculus Csy. 07–334                               | Tex.              |
| 11400. cylindricum Csy. 07–306                         | So.Cal.                | 56. delicatulus Csy. 07–334                                | S.W. Ut. Nev.     |
| 01. nevadense Csy. 07–307                              | Nev.                   | 57. depressulus Csy. 07–335                                | So.Cal.           |
| 02. gulosum Csy. 07–307                                | So.Cal.                | 58. angustus Csy. 90–352                                   | Ariz.             |
| 03. subovale Csy. 07–307                               | S.W. Ut.               | 59. blaisdelli Csy. 07–336                                 | Cal.              |
| 04. insulare Csy. 07–308<br>05. gravidum Csy. 07–308   | So.Cal. Is.<br>So.Cal. | 60. cunctans Csy. 07–336                                   | Tex.              |
| 06. edax Csy. 07–309                                   | So.Cal.?               | (Locrodes Csy. 07-336)                                     |                   |
| 07. molestum Csy. 07–309                               | So.Cal.                | 61. piceus Csy. 90–353                                     | So.Cal.           |
| 08. opacipenne Csy. 07-309                             | So.Cal.                | 62. oblongulus Csy. 07–337                                 | So.Cal.           |
| 09. convexicolle Lec. 51–139                           | So.Cal.                | 63. laborans Csy. 07–337                                   | Utah              |
| 10. integer Csy. 07–310                                | So.Cal.                | 64. brunnescens Csy. 07–338                                | Utah              |
| 11. probatum Csy. 07–310                               | So.Cal.                | 65. fraternus Csy. 07–338<br>66. umbrosus Csy. 07–338      | Utah              |
| (Metoponiopsis Csy. 07-2                               | 90)                    | oo. umbrosus esy. or ood                                   |                   |
| 12. bicolor Horn 70–268                                | Cal. Ariz.             | (Paravius Csy. 07–338)                                     |                   |
|                                                        |                        | 67. marginatus Csy. 90–351                                 | L.Cal.            |
| <b>Telabis</b> Csy. 90–331                             | NT NA                  | — vicinus Champ. 84-8                                      | Cal.?             |
| 11413. longipennis Csy. 90–339                         | N.Mex.                 | Emmonastrichus Hom 04 419                                  |                   |
| 14. discors Csy. 90–342<br>15. muricatula Csy. 90–341  | Tex.<br>Tex. Ariz.     | Emmenastrichus Horn 94–413<br>11468. cribratus Horn 94–413 | L.Cal.            |
| 16. prominens Csy. 07–314                              | Tex.                   | 69. erosus Horn 94–414                                     | L.Cal.            |
| proxima Csy. 07–315                                    | Tex.                   |                                                            | 23.041.           |
| 17. rubida Csy. 07–315                                 | Tex.                   | Steriphanus Csy. 07–342                                    |                   |
| 18. vafra Csy. 07–315                                  | Ariz.                  | 11470. discrepans Csy. 07–343                              | Ariz.             |
| 19. punctulata Lec. 66–105                             | L.Cal.                 | 71. lustrans Csy. 07–344                                   | Ariz.             |
| 20. opacella Csy. 07–316                               | So.Cal.                | 72. nitescens Csy. 07–344                                  | Tex.              |
| 21. histrica Csy. 90–340                               | Ariz.                  | 73. lubricans Csy. 07–345                                  | Ariz.             |
| 22. obtusa Csy. 07–317                                 | Ariz.<br>S.W. Utah     | 74. hilaris Csy. 07–345<br>75. rutilans Csy. 07–346        | Ariz. Ut.<br>Tex. |
| 23. uteana Csy. 07–317<br>24. amica Csy. 07–318        | Utah                   | 76. convexus (Lec.) 66–107                                 | Tex. N. Mex.      |
| 25. lobifrons Csy. 07–318                              | Ariz.                  | 101 0011 01110 (200.) 00 101                               | Ariz.             |
| • 26. mimetica Csy. 07–319                             | Tex.                   | 77. unicolor Csy. 07–346                                   | N.Mex.?           |
|                                                        |                        |                                                            |                   |

| Steriphanus Csy.             |         | Melanastus Csy.                    |         |
|------------------------------|---------|------------------------------------|---------|
| 11478. nigrans Csy. 07-347   | Ariz.   | 11495. sterilis Čsy. 07–357        | So.Cal. |
| 79. alutaceus Čsy. 07–348    | Ariz.   | 96. lucidulus Csy. 07–358          | Cal.    |
| 80. subopacus (Horn) 70–269  | Ariz.   | 97. otiosus Csy. 07–358            | Cal.    |
| 81. peropacus Csy. 07–349    | Ariz.   | 98. implicans Csy. 07–358          | Colo.   |
| 82. conicicollis Csy. 90–355 | Ariz.   | 99. fallax (Csy.) 90–361           | N.Mex.  |
| 83. libertus Csy. 07–350     | Ariz.   | 11500. finitimus Csy. 07–359       | Colo.   |
| 84. discretus Csy. 90–354    | Ariz.   | 01. crassicornis (Csy.) 90–363     | No.Cal. |
| 85. proprius Csy. 07–350     | Ariz.   | 02. æquicollis Csy. 07–360         | No.Cal. |
| 86. perovatus Csy. 07–351    | Tex.    | 03. vegrandis Csy. 07–360          | Cal.    |
| 87. aridus Csy. 07–351       | Ariz.   | 04. coarcticollis (Csy.) 90–364    | N.Mex.  |
|                              |         | 05. ludius Csy. 07–361             | Utah    |
| Stictodera Csy. 07-352       |         | 06. acuminatus Csy. 07–362         | Colo.   |
| 11488. pinguis (Lec.) 66–107 | L.Cal.  | 07. parvus Csy. 07–362             | Colo.   |
|                              |         | 08. acutus (Horn) 70–270           | Neb.    |
| Melanastus Csy. $07-353$     |         | 09. exiguus Csy. 07–363            | Colo.   |
| 11489. ater (Lec.) 51–139    | Cal.    | 10. obesus (Lec.) 51–139           | So.Cal. |
| 90. mœstus Csy. 07–355       | Cal.    | nanulus (Csy.) 84–45               | So.Cal. |
| 91. nitidus (Csy.) 90–362    | Ariz.   | 11. nuperus Csy. 07–364            | Ariz.   |
| 92. obtusus (Lec.) 66–107    | Cal.    |                                    |         |
| 93. thoracicus (Csy.) 90–362 | So.Cal. | Emmenastus Mots. 45–75             |         |
| 94. exoletus Csy. 07–357     | Cal.    | <sup>1</sup> — rugosus Mots. 45–76 | Alas.   |

# Auchmobiini (= Eurymetoponini Csy. 11-245)

Auchmobius Lec. 51-139

11512. sublævis Lec. 51–140

So.Cal.

# TRIMYTINI

| Trimytis Lec. 51–141 11513. nympha Csy. 07–368 14. pruinosa Lec. 51–141              | Tex.<br>Colo.N.Mex. | Prometopion Csy. 07–370<br>11519. helopioides (Horn) 70–31<br>20. amplipenne Csy. 07–372                         |                              |
|--------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------|------------------------------|
| 15. tonsa Csy. 07–369<br>16. ignava Csy. 07–369                                      | Colo.               | Chilometopon Horn 74-31<br>11521. abnorme (Horn) 70-261                                                          | Nev. So.Cal.                 |
| ( <i>Pimalius</i> Csy. 07–367)<br>17. pulverea Horn 70–261<br>18. obtusa Horn 94–412 | Ariz.<br>L.Cal.     | 22. castaneum Csy. 07–373<br>23. brevipenne Csy. 07–374<br>24. ensifer Csy. 07–370<br>25. pallidum (Csy.) 90–367 | Cal.<br>Utah<br>Nev.<br>Tex. |

### TRIENTOMINI

**Trientoma** Sol. 35–256 11526. wiekhami Csy. 07–377

Bahama, (Fla.?)

# EPITRAGINI

| Polemiotus Csy. 07–381               |       | Lobometopon Csy.            |                |
|--------------------------------------|-------|-----------------------------|----------------|
| (Epitragus auct. pars)               |       | 11535. docile Csy. 07–390   | Ariz.          |
| 11527. submetallicus (Lec.) 54-2     | 24    | 36. propinguum Csy. 07–391  | Ariz.          |
|                                      | Ariz. | 37. cribricolle Csy. 07–391 | N.Mex.         |
| 28. humeralis Csy. 07–382            | Ariz. | 38. jucundum Csy. 07–392    | Kan.           |
| a. acuticauda Csy. 07–383            | Ariz. | 39. parvicolle Csy. 07–392  | Utah           |
| •                                    |       | 40. æquipenne Csy. 07–393   | Ariz.          |
| Cyrtomius Csy. 07–383                |       | 41. morrisoni Csy. 07–393   | Ariz.          |
| (Epitragus auct. pars)               |       | 42. ovale (Csy.) 84–184     | Tex.           |
| 11529. dentiger (Horn) 70-265        | Ariz. | 43. obscurum Ćsy. 07–395    | Kan.           |
| *                                    | •     | 44. plumbeum (Lec.) 66–109  | Kan.           |
| Lobometopon <sup>2</sup> Csy. 07–385 |       | (Epitragoma Csy. 07–386)    | •              |
| (Epitragus auct. pars)               |       | 45. vestitum (Csy.) 91–53   | Ariz.          |
| 11530. uintanum Csy. 07–388          | Utah  | 10. Vestitum (Osy.) 31 33   | AllZ.          |
| 31. fusiforme (Csy.) 90–365          | Ariz. | Bothrotes Csy. 07-398       |                |
| 32. symmetricum Csy. 07–389          |       | (Epitragus auct. pars)      |                |
| 33. pimalicum Csy. 07–389            | Ariz. | 11546. fortis Csy. 07–399   | Fla.           |
| 34. æneopiceum Čsy. 07–390           | Ariz. | 47. acutus (Lec.) 66–108    | Tex.(So.Fla.?) |
|                                      |       |                             |                |

Not numbered because Casey "definitely rejects" the genus as a component part of our fauna. No species of the tribe was known to him from above the latitude of southern Idaho.
 No. 10508 Henshaw Suppl., described from Mexico, is omitted.

| Bothrotes Csy.                                           | /D                 | Metopoloba Csy.                                           |                 |
|----------------------------------------------------------|--------------------|-----------------------------------------------------------|-----------------|
| 11548. subrudis Csy. 07–400                              | Tex.               | 11574. snowi Csy. 07–416                                  | Ariz.           |
| 49. pensus Csy. 07–400                                   | Tex.               | 75. pruinosa (Horn) 70–264                                | Ariz. So.Cal.   |
| 50. knausi Csy. 07–401                                   | Kan.<br>N.YTex.    | 76. densiventris Csy. 07–417                              | N.Mex.          |
| 51. arundinis (Lec.) 66–108                              |                    | 77. contaminata Csy. 07–418                               | Ariz. Tex.      |
| 52. eneicollis Csy. 07–401                               | Tex.               | 78. amplexa Csy. 07–418                                   | Ariz.           |
| 53. chalceus Csy. 07–402                                 |                    | 79. sublæviceps Csy. 07–418                               | Ariz.           |
| 54. tenebrosus Csy. 07–403                               | Ariz.<br>Ariz.     | 80. angulata Csy. 07–419<br>81. californica Csy. 07–419   | So.Cal.         |
| 55. occipitalis Csy. 07–403<br>56. confertus Csy. 07–404 | Ariz.              | 51. camornica Csy. 07–419                                 | So.Cai.         |
| 57. eversus Csy. 07–404                                  | Ariz.              | Pechalius Csy. 07-420                                     |                 |
| 58. affinis Csy. 07–405                                  | N.Mex.             | 11582. subvittatus Csy. 07–421                            | Tex.            |
| 59. pertinax Csy. 07–405                                 | N.Mex.             | 11002. Subvittatus Osy. 01 421                            | I CA.           |
| 60. picipennis Čsy. 07–406                               | N.Mex.             | Epitragodes Csy. 90-365                                   |                 |
| 61. secutor Csy. 07–406                                  | Ariz.              | 11583. tomentosus (Lec.) 66–109                           | Fla. Ga.        |
| a. apertus Csy. 07–406                                   | N.Mex.             | 84. debilicollis Csy. 07–423                              | Fla.            |
| 62. acomanus Čsy. 07–407                                 | N.Mex.             | 85. pardalis Csy. 07–423                                  | Fla.            |
| 63. neglectus Csy. 07–407                                | Colo.              | 86. cuprascens Csy. 07–424                                | Fla.            |
| 64. insitus Csy. 07–408                                  | Kan.               | 87. floridanus Csy. 07–424                                | Fla.            |
| 65. canaliculatus (Say) 24–283                           |                    | 88. obesulus Csy. 07–425                                  | Fla.            |
| 557 5411411541145415 (544), 1 = 15                       | N.Mex.Tex.         | 89. macilentus Čsy. 09–425                                | Fla.            |
| 66. funebris Csy. 07–409                                 | Ariz.              |                                                           |                 |
| 67. perditus Csy. 07–409                                 | Ariz.              | Phegoneus Csy. 07-426                                     |                 |
| 68. amplificans Csy. 07–410                              | Ariz.              | 11590. jülichi (Csy.) 91–55                               | Tex.            |
| ·                                                        |                    | • • • • • • • • • • • • • • • • • • • •                   |                 |
| Metopoloba Csy. 07-412                                   |                    | Schenicus Lec. 66–109                                     |                 |
| 11569. bifossiceps Csy. 07–413                           | Nev.               | 11591. puberulus Lec. 66–100                              | Ga. Fla. N.J.   |
| 70. proba Csy. 07–414                                    | Utah               | •                                                         |                 |
| 71. punctiventris Csy. 07–414                            | Utah               | Conœcus Horn 85-159                                       |                 |
| 72. perpolita Csy. 07–415                                | Utah?              | 11592. ovipennis Horn 85–159                              | Tex.            |
| 73. subseriata Csy. 07–415                               | Tex.               | 93. estriatus Csy. 07–431                                 | Tex.            |
|                                                          |                    |                                                           | •               |
|                                                          | Trior              | OPHINI                                                    |                 |
| Triorophus Lec. 51–141                                   |                    | Micromes Csy. 07-441.                                     |                 |
| 11594. lævis Lec. 51–141                                 | So.Cal.            | 11611. ovipennis (Horn) 74–28                             | So.Cal.         |
| 95. politus Csy. 07–435                                  | So.Cal.            | 12. maritimus (Csy.) 92–52                                | So.Cal.         |
| 96. terebratulus Csy. 07–436                             | Ariz.              |                                                           |                 |
| 97. mundulus Csy. 07–436                                 | Ariz.              | Trichiotes Csy. 07-443                                    |                 |
| 98. simplex Csy. 07–436                                  | Ariz.              | 11613. seriatus Csy. 07–444                               | Tex.            |
| 99. gravidulus Csy. 07–437                               | Ariz.              |                                                           |                 |
| 11600. basalis Csy. 07–437                               | Ariz.              | Oxygonodera Csy. 07-444                                   |                 |
| 01. histrio Csy. 07–437                                  | Ariz.              | 11614. hispidula (Horn) 74–29                             | Utah            |
| 02. gracilicornis Csy. 07–437                            | So.Cal.            | 15. villosa Csy. 07–445                                   | Utah            |
| 03. longicornis Csy. 07–438                              | Ariz.              | 16. grandiceps Csy. 07–446                                | Utah            |
| 04. rugiceps Lec. 51–142                                 | Cal.               | m: 1 1 T 00 104                                           |                 |
| 05. lecontei Csy. 90–327                                 | Tex.               | Triphalus Lec. 66–104                                     | T C 1           |
| 06. nodiceps Lec. 53–446                                 | Tex.               | 11617. perforatus Lec. 66–104                             | L.Cal.          |
| 07. brevis Csy. 07–439                                   | Tex.               | 18. cribricollis Horn 95–251                              | L.Cal.          |
| 08. mixtus Csy. 07–440<br>09. subpubescens Horn 70–25    |                    | Stibia Horn 70-260                                        |                 |
| 10. punctatus Lec. 51–142                                | Cal.So.Cal.        | 11619. puncticollis Horn 70–260                           | L.Col           |
| 10. punctatus Dec. 91–142                                | Car.so.Car.        | 11019. puncucoms from 70-200                              | L.Cai.          |
|                                                          | Enro               | OTINI                                                     |                 |
| Edvetos I ee 51 140                                      | DDIC               |                                                           |                 |
| Edrotes Lec. 51–140                                      | So Col             | Edrotes Lec.                                              | N.Mex.          |
| 11620. ventricosus Lec. 51–141                           | So.Cal.            | 11627. inflatus Csy. 07–454                               | N.Mex.          |
| 21. orbus Csy. 07–452                                    | Ariz.              | 28. puncticeps Csy. 07-454                                |                 |
| 22. nitidus Csy. 90–175<br>23. angusticollis Csy. 07–452 | So.Cal.<br>So.Cal. | 29. intermixtus Csy. 07–455<br>30. oblongulus Csy. 07–455 | Ariz.<br>N.Mex. |
| 24. longipennis Csy. 07–453                              | Utah               | 31. lineatus Csy. 07–456                                  | Ariz.           |
| 25. rotundus (Say) 23–251                                | Colo.              | 32. subæqualis Csy. 07–456                                | Colo.           |
| 26. globosus Csy. 90–175                                 | Colo.              | 33. angustulus Csy. 07–456                                | Tex.            |
| 20. 810.00000 003. 00 110                                | 3010.              | oo. angastaras Osy. 01 100                                | 102.            |
|                                                          | CRAN               | IOTINI                                                    |                 |
| Craniotus Lec. 51-142                                    |                    |                                                           |                 |
| 11634. pubescens Lec. 51–142                             | So.Cal. Ariz.      |                                                           | ,               |
| •                                                        |                    |                                                           |                 |
|                                                          | Zорн               | ERINI                                                     |                 |

**Zopherus** Cast. 40–205 11635. haldemani Sallé(Horn 70–271) Tex.

Zopherus Cast. nodulosus || Horn 67-159 variolosus || Hald 52-376

| Zopherodes Csy. 07-36 11636. tristis (Lec.) 51-130 a. variabilis Csy. 07-464 b. incrustans Csy. 07-464 c. æqualis Csy. 07-38 37. concolor (Lec.) 51-130 38. induratus (Csy.) 90-367 39. ventriosus Csy. 07-39 a. californicus Csy. 07-466 | Ariz. So.Cal. Ariz. Ariz. Ariz. Ariz. N.Mex. Cal. So.Cal. So.Cal.              | Zopherodes Csy. 11642. pudens Csy. 07-40 43. elongatus Csy. 07-466 44. lugubris Csy. 07-41 45. uteanus Csy. 07-40 46. mormon Csy. 07-40 47. opacus (Horn) 67-161 48. caudalis Csy. 07-41 49. pruddeni Csy. 07-41 | Ariz.<br>Ariz.<br>Ariz.<br>Utah<br>Utah<br>Nev. Utah<br>Ariz.<br>Ariz. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| b. parvicollis Csy. 07–466 40. guttulatus (Horn) 67–160 a. morosus Csy. 07–465 41. otiosus Csy. 07–39 verrucipennis Csy. 07–465                                                                                                           | Cal.<br>Tex. N.Mex.<br>N.Mex.<br>N.Mex.                                        | 50. luctuosus Csy. 07–41<br>51. granicollis (Horn) 85–160<br>52. geminatus Csy. 07–467<br>53. gracilis (Horn) 67–162<br>54. elegans (Horn) 70–272                                                                | Ariz.<br>L.Cal. So.Cal.<br>Ariz.<br>Ariz.<br>N.Mex.                    |
|                                                                                                                                                                                                                                           | Nosodi                                                                         | ERMINI                                                                                                                                                                                                           |                                                                        |
| Phlœodes Lec. 62–216 (Ageonoma Pasc. 66–487) 11655. diabolicus Lec. 51–130 56. ovipennis Csy. 07–42 57. elongatus Csy. 07–42 58. pustulosus Lec. 59–77                                                                                    | Cal. So.Cal.<br>Cal<br>Cal.<br>Cal.                                            | Noserus Lec. 11665. collaris Csy. 07–44 66. corrosus Csy. 07–474 67. convexulus Csy. 07–474 *                                                                                                                    | Cal.<br>Cal.<br>Cal.                                                   |
| 59. scaber Csy. 07–43<br>60. latipennis Csy. 07–43                                                                                                                                                                                        | Cal.                                                                           | 68. emarginatus Horn 78–55  Phellopsis Lec. 62–216                                                                                                                                                               | Tex.                                                                   |
| 61. angustus Csy. 07-43<br>62. remotus Csy. 07-472<br>Noserus 1 Lec. 62-216                                                                                                                                                               | Cal.                                                                           | (Pseudonosoderma Heyd. 8<br>11669. porcata (Lec.) 53-235<br>70. robustula Csy. 07-45<br>71. obcordata (Kby.) 37-236                                                                                              | Or. Alas.<br>Idaho                                                     |
| 11663. plicatus Lec. 59–77<br>64. torvus Csy. 07–44                                                                                                                                                                                       | Cal. So.Cal.<br>Cal.                                                           | 72. montana Csy. 07–46<br>— ?amurense (Heyd.) 85-306                                                                                                                                                             | Cal.                                                                   |
|                                                                                                                                                                                                                                           | Usec                                                                           | HINI                                                                                                                                                                                                             |                                                                        |
| <b>Usechus</b> Mots. 45–79<br>11673. lacerta Mots. 45–79                                                                                                                                                                                  | Cal.                                                                           | Usechus Mots.<br>11674. nucleatus Csy. 89–176                                                                                                                                                                    | No.Cal.                                                                |
|                                                                                                                                                                                                                                           | Aræoso                                                                         | CHIZINI                                                                                                                                                                                                          |                                                                        |
| Aræoschizus Lec. 51–138<br>11675. costipennis Lec. 51–138<br>76. tenuis Csy. 07–486<br>77. exiguus Csy. 07–487<br>78. fimbriatus Csy. 90–369<br>79. sulcicollis Horn 70–274<br>80. simulans Csy. 07–488                                   | Cal. N.Mex.<br>Ariz. [So.Cal.<br>Cal.<br>Cal. Ariz.<br>Cal. So.Cal.<br>So.Cal. | Aræoschizus Lec. 11681. regularis Horn 70–274 82. simplex Csy. 90–369 83. decipiens Horn 90–342 84. armatus Horn 70–275 85. duplicatus Csy. 07–491                                                               | Ariz.<br>Tex. Ariz.<br>Ariz. Mex.<br>Cal. So.Cal.<br>Wy.               |
| . Dacoderini                                                                                                                                                                                                                              |                                                                                | Typhlusechini                                                                                                                                                                                                    |                                                                        |
| Dacoderus Lec. 58–74<br>11686. striaticeps Lec. 58–75<br>87. laevipennis Horn 93–139                                                                                                                                                      | So.Cal.Ariz.<br>Tex.                                                           | <b>Typhlusechus</b> Linell 97–154<br>11688. singularis Linell 97–155                                                                                                                                             | So.Cal.                                                                |
|                                                                                                                                                                                                                                           | Batu                                                                           | LIINI                                                                                                                                                                                                            |                                                                        |
| <b>Batulius</b> Lec. 51–148<br>11689. setosus Lec. 51–148                                                                                                                                                                                 | So.Cal.Ariz.                                                                   | Batuliodes Csy. 07-499<br>11690. rotundicollis (Lec.) 51-14                                                                                                                                                      | 8<br>So.Cal.                                                           |
|                                                                                                                                                                                                                                           | ANEP                                                                           | SIINI                                                                                                                                                                                                            |                                                                        |
| Anepsius Lec. 51–147 11691. valens Csy. 07–504 92. montanus Csy. 92–55 93. delicatulus Lec. 51–148 a. atratus Csy. 07–506 catenulosus Csy. 07–505                                                                                         | Ariz.<br>Colo.<br>So.Cal.<br>So.Cal.<br>So.Cal.                                | Anepsius Lec. 11694. brunneus Csy. 07–506 95. nebulosus Csy. 07–507 96. bicolor Csy. 07–507 97. deficiens Csy. 07–507                                                                                            | S. W. Utah<br>So.Cal.<br>So.Cal.<br>So.Cal.                            |
|                                                                                                                                                                                                                                           | VACRO                                                                          | NIŅĪ .                                                                                                                                                                                                           |                                                                        |
| <b>Vacronus</b> Csy. 07–508<br>11698. tenuicornis Csy. 07–508                                                                                                                                                                             | Cal.                                                                           |                                                                                                                                                                                                                  |                                                                        |

<sup>1</sup> This name is probably preoccupied; see Cockerell 1916.

# Nyctoporini

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | INICIO                        | OPORINI                                                      |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------|---------------------------------|
| Nyctoporis Esch. 31–11<br>(Emeax Pasc. 66–450)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               | Nyctoporis Esch.<br>11702. carinata Lec. 51–138              | Cal.So.Cal.                     |
| (Enneacoides Fairm. 81–2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 277)                          | vinculiger (Fairm.) 81–27                                    |                                 |
| 11699. cristata Esch. 31–11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ćal.                          | 03. segnis Csy. 07–511                                       | Cal.                            |
| galeata Lec. 57–49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N- C-1                        | 04. æquicollis Esch. 31–12                                   | Cal.                            |
| 11700. pullata Csy. 07–510<br>01. sponsa Csy. 07–510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No. Cal.<br>Cal.              | 05. maura Csy. 07–512<br>06. tetrica Csy. 07–512             | Cal.<br>Cal.                    |
| or. sponsa esy. or oro                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ca:.                          | oo. tetrica esy. or orz                                      | Cai.                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Скурто                        | GLOSSINI                                                     |                                 |
| Centrioptera Mann. 43–279                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 02022-0                       | Schizillus Horn 74–33                                        |                                 |
| (Oochila Lec. 66–220)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                               | 11715. laticeps Horn 74–33                                   | Cal. So. Cal.                   |
| (Asbolus Lec. 54–64 pars)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |                                                              |                                 |
| 11707. spiculifera Lec. 61–337                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Cal.                          | Cryptoglossa Sol. 36–680                                     | Co Col Asia                     |
| 08. muricata Lec. 51–142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cal. Ariz. So.<br>Cal.        | 11716. verrucosa Lec. 51–129<br>17. laevis Lec. 51–130       | So. Cal. Ariz.<br>Cal. So. Cal. |
| 09. utensis Csy. 07–513                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S. W. Utah                    | 111 140 (15 2500) 01 100                                     |                                 |
| 10. asperata Horn 70–279                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cal. So. Cal.                 | Threnus Mots. 70–406                                         |                                 |
| 11. variolosa Horn 70–280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ariz.<br>L.Cal.So.Cal.        | 11718. niger Mots. 70–406                                    | Cal.                            |
| 12. seriata Lec. 61–337<br>13. infausta Lec. 54–84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tex.                          | Eschatoporis Blaisd. 06-76                                   |                                 |
| 14. angularis Horn 94–414                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | L. Cal.                       | 11719. nunenmacheri Blaisd. 06-                              | 77                              |
| — caraboides Mann. 43–280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cal.                          |                                                              | Cal.                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A GYY                         | 2222                                                         |                                 |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Asıı                          |                                                              |                                 |
| <b>Astrotus</b> Lec. 58–19<br>11720. contortus.(Lec.) 53–446                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tex.                          | Glyptasida Csy.<br>11743. turgescens Csy. 12–98              | Kan.                            |
| 21. regularis Horn 70–290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tex.                          | a. obesa Csy. 12–99                                          | Kan.                            |
| 22. alveolatus Csy. 12-83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tex.                          | b. furtiva Čsy. 12–99                                        | Kan.                            |
| n Cl. 00 404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               | 44. procrustes Csy. 12–99                                    | Kan.                            |
| Stenosides Sol. 36–484<br>11723. texanus (Wickh.) 03–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tex.                          | 45. strigipennis Csy. 12–100<br>46. costipennis (Lec.) 58–20 | Kan.?<br>Ariz.                  |
| 11729. texanus (Wieni.) 00 72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | I CA.                         | a. fulvisetis Csy. 12–100                                    | ?                               |
| Pactostoma Lec. 58-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                               | 47. turbulenta Čsy. 12–101                                   | N. Mex.                         |
| (Ologlyptus Lacord, 59–15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               | 48. ægra (Lec.) 58–19                                        | Tex.                            |
| 11724. anastomosis (Say) 23–256<br>a. salebrosa Csy. 12–87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tex. [Colo.                   | a. irregularis (Lec.) 58–19<br>b. pigra Csy. 12–102          | Tex.<br>?                       |
| 25. exoleta Csy. 12–87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz.                         | c. plena Csy. 12–102                                         | ?                               |
| 26. monticola Csy. 12–88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ariz.                         | d. imperfecta Csy. 12–102                                    | Colo.?                          |
| 27. luteotecta Csy. 12–88<br>28. sigillata Csy. 12–89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N. Mex.<br>Ariz.              | 49. heres Csy. 12–103<br>50. crenicollis Csy. 12–103         | Tex.                            |
| 29. obtecta Csy. 12–89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N. Mex.                       | 51. sycophanta Csy. 12–103                                   | Wy.<br>Tex.                     |
| 30. sinuaticollis Champ. 84-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 9                             |                                                              |                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tex.                          | Pelecyphorus Sol. 36–467                                     | 77)                             |
| Pycnonotida Csy. 12–89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               | (Philolithus Lacord. 59–15                                   | 7)                              |
| 11731. laxicollis Csy. 12–91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | So. Cal.                      | I.                                                           | I Cal Ca Cal                    |
| 32. inæqualis (Lec.) 51–129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | So. Cal.                      | 11752. ægrotus Lec. 61–337<br>a. limbatus Csy. 12–107        | L.Cal. So.Cal.<br>L.Cal.        |
| a. diversa Csy. 12–92<br>33. araneoides Csy. 12–92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | So. Cal.<br>So. Cal.          | 53. corporalis Csy. 12–107                                   | Ariz.                           |
| 34. impar Csy. 12–93                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | So. Cal.                      | 54. reptans Csy. 12–108                                      | Ariz.                           |
| 35. puncticollis (Lec.) 51–129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               | 55. socer Csy. 12–108                                        | Ariz.?                          |
| 36. polita (Horn) 93–141                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Arız.                         | 56. abscissus Csy. 12–109<br>57. fumosus Csy. 12–109         | Ariz.<br>So.Cal.                |
| Microschatia Sol. 36-474                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               | 58. morbillosus Lec. 58–74                                   | Mex.                            |
| 11737. championi Horn 93-140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | L. Cal.                       | a. sobrius Csy. 12–110                                       | So.Ariz.                        |
| punctata    Horn 70–282                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               | b. pacatus Csy. 12–110                                       | Ariz<br>Ariz.                   |
| * YO MARKET TO M | N Nr - A                      | 59. parvus Csy. 12–110<br>60. piceus Csy. 12–111             | Ariz.                           |
| 38. morata Horn 78–56<br>39. sulcipennis Lec. 58–18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N. Mex. Ariz.<br>Tex. N. Mex. | a. crudelis Čsy. 12–111                                      | Ariz.                           |
| ov. surapenna nec. oc 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ZOA. AT. MICA.                | 61. snowi Csy. 12–111                                        | Ariz.                           |
| Glyptasida Csy. 12-95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                               | 62. subtenuis Csy. 12–112                                    | Ariz.                           |
| (Pelecyphorus Lec. nec Sol<br>11740. sordida (Lec.) 53–445                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | l.) •<br>Ark.                 | II.<br>63. carinata Lec. 51–128                              |                                 |
| a. porcatula Csy. 12–97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Colo.                         | carinifera Gebien 10–128                                     | So.Cal.                         |
| 41. parvicollis Csy. 12-97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ariz.                         | 64. sophistes Csy. 12–113                                    | Cal.                            |
| 42. subpubescens Csy. 12–98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N. Mex.                       | 65. quadripennis Csy. 12–113                                 | L.Cal.                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |                                                              |                                 |

| Pelecyphorus Sol.                                          |                        | Euschides Lec.                                            |                      |
|------------------------------------------------------------|------------------------|-----------------------------------------------------------|----------------------|
| III.                                                       |                        | 12810. tetricus Csy. 12–149                               | Utah                 |
| 11766. adversus Csy. 12–114                                | Ariz.                  | 11. consobrinus (Horn) 70-28                              |                      |
| 67. reflexus Csy. 12–114                                   | Cal.                   | V.                                                        |                      |
| 68. opimus Csy. 12–115                                     | So.Cal.                | 12. captiosus (Horn) 70–287                               | Cal.                 |
| 69. actuosus (Horn) 70–284<br>70. haruspex Csy. 12–115     | So.Cal.<br>S.W. Utah   | 13. maritimus Csy. 12–151                                 | Cal.                 |
| a. ellipsipennis Csy. 12–116                               | S.W. Utah              | a. imulus Csy. 12–151                                     | Cal.                 |
| 71. pantex Csy. 12–116                                     | Nev.                   | 14. subelegans Csy. 12–152<br>15. tularensis Csy. 12–152  | Cal.                 |
| 72. corrosus Csy. 12–117                                   | E.Wash.                | 16. amplicollis Csy. 12–153                               | Cal.                 |
| 73. densicollis (Horn) 94–417                              | Or.                    | 17. integer Csy. 12–153                                   | Cal.                 |
| Conseids Cov. 19 117                                       |                        | 18. crassus Csy. 12–154                                   | Cal.                 |
| <b>Gonasida</b> Csy. 12–117<br>11774. gravida Csy. 12–119  | Ariz.                  | 19. angulatus (Lec.) 51–127                               | Cal. So.Cal.         |
| 75. inferna Csy. 12–119                                    | N.Mex.                 | 20. deceptor Csy. 12–154                                  | Cal.                 |
| 76. compar Csy. 12–120                                     | Kan.                   | 21. gravidipes Csy. 12–155<br>22. luctatus (Horn) 70–286  | Cal. So.Cal.         |
| 77. elata (Lec.) 53–445                                    | Tex. N.Mex.            | VI.                                                       | car. so.car.         |
| a. difformis (Lec.) 54–223                                 | Tex. (Ariz.?)          | 23. convexicollis (Lec.) 54–223                           | N Mex                |
| b. reducta Csy. 12–121<br>c. prolixa Csy. 12–121           | Kan.<br>Kan.           | 24. inhabilis Csy. 12–156                                 | N.Mex.               |
| 78. aucta Csy. 12–121                                      | Colo.                  | a. retusus Csy. 12–157                                    | Kan.                 |
| 79. alaticollis Csy. 12–122                                | N. Mex.                | 25. fastigiosus Csy. 12–157                               | N.Mex.               |
| •                                                          |                        | 26. globicollis Csy. 12–158                               | Neb.                 |
| Parasida Csy. 12-124                                       |                        | VII.                                                      |                      |
| 11780. laciniata Csy. 12–128                               | Ariz.                  | 27. vigens Csy. 12–159                                    | Ariz.                |
| 81. lirata (Lec.) 54–223<br>82. sexcostata (Lec.) 61–337   | N.Mex. So.             | 28. convexus (Lec.) 59–14<br>29. gracilior Csy. 12–160    | Colo. W.Kan.<br>Kan. |
| 32. Sexcostata (Dec.) 01 957                               | L.Cal. [Ariz.?         | 30. obovatus (Lec.) 51–127                                | Ariz. So.Cal.        |
| Euschides Lec. 58-19                                       |                        | a. nitidipennis Csy. 12–160                               | Ariz.                |
| I.                                                         |                        | b. gliscans Csy. 12–161                                   | Ariz.                |
| 11783. pollens Csy. 12–134                                 | Ariz.                  | 31. consuctus Csy. 12–161                                 | Ariz.?               |
| a. proximus Čsy. 12–134                                    | Ariz.                  | 32. socialis Csy. 12–162                                  | N.Mex.               |
| 84. brevimargo Čsy. 12–134                                 | Ariz.                  | 33. huachucæ Csy. 12–162<br>34. consors Csy. 12–162       | Ariz.<br>N.Mex.      |
| 85. rusticus Csy. 12–135                                   | Ariz.                  | 35. papagoanus Csy. 12–163                                | Ariz.                |
| 86. sponsor Csy. 12–135                                    | Ariz.                  | 36. strigulosus Csy. 12–163                               | Ariz.                |
| 87. implicans Csy. 12–136                                  | Ariz.<br>Ariz. So.Cal. | 37. congruens Csy. 12–164                                 | N.Mex.               |
| 88. marginatus (Lec.) 51–128<br>a. duplicans Csy. 12–136   | ?                      | a. lubricus Csy. 12–164                                   | Ariz.                |
| b. esuriens Csy. 12–137                                    | So.Cal.                | 38. facilis Csy. 12–165                                   | Kan.                 |
| 89. procurrens Csy. 12–137                                 | Ariz.                  | Heterasida Csy. 12-165                                    |                      |
| 90. caliginosus Csy. 12–137                                | Ariz.                  | 11839. bifurca (Lec.) 61–337                              | L.Cal.               |
| ?subcostatus (Lec.) 53–44                                  |                        | 40. connivens (Lec.) 66–110                               | L.Cal.               |
| 91. satiatus Csy. 12–138<br>92. rugatus Csy. 12–138        | Ariz.<br>Ariz.         | 41. tantilla Csy. 12–167                                  | L.Cal.               |
| 93. rudis Csy. 12–139                                      | Ariz.                  | 42. exilis Csy. 12–168                                    | L.Cal.               |
| 94. rimatus (Lec.) 54–223                                  | Tex.                   | 43. subvittata (Horn) 94–416                              | L.Cal.               |
| a. subplanatus Csy. 12–139                                 | Ariz.                  | Asidina Csy. 12–169                                       |                      |
| 95. cribratus Csy. 12–140                                  | N.Mex.                 | 11844. parallela (Lec.) 51–128                            |                      |
| 96. subcruentus Csy. 12–140<br>97. semirufus Csy. 12–140   | N.Mex.                 | neglecta (Gebien) 10–134                                  | So.Cal.              |
| 98. directa Csy. 12–141                                    | Ariz.                  | 45. teres Csy. 12–171                                     | Ariz.                |
| 99. subcylindricus (Horn) 70–                              |                        | 46. liberta Csy. 12–171                                   | Ariz.                |
| · , ,                                                      | Ariz.                  | 47. wickhami (Horn) 94–420<br>48. confluens (Lec.) 51–128 | Ariz.<br>So.Cal.     |
| II.                                                        | C 1                    | 227 227 247 247 247 247 247 247 247 247                   | 20.001.              |
| 11800. advena Csy. 12–143                                  | Colo.                  | Trichiasida Csy. 12–172                                   |                      |
| 01. corrugans Csy. 12–143<br>02. severus Csy. 12–144       | Ariz.<br>N.Mex.        | I.                                                        |                      |
| osi botterdo obj. 12 111                                   | I TILLON               | 11849. hirsuta (Lec.) 51–127                              | So.Cal.              |
| III.                                                       |                        | 50. lineatopilosa Csy. 12–175                             | So.Cal.              |
| 11803. spurcans Csy. 12–145                                | Cal.                   | II.                                                       | TT, 1                |
| 04. lecontei (Horn) 66–12                                  | Cal.                   | 51. acerba (Horn) 78–56<br>52. hispidula (Lec.) 51–127    | Utah<br>So Cal       |
| costipennis    (Lec.) 59–76                                |                        | *O 11 O 15 1                                              | So.Cal.<br>Ariz.     |
| 05. evanescens Csy. 12–146<br>06. compressus (Horn) 70–287 | Cal.                   | III.                                                      | 11120                |
| 07. neutralis Csy. 12–146                                  | Cal.                   |                                                           | Tex.                 |
|                                                            |                        | 55. gabbi (Horn) 80–152                                   | L.Cal. So.Cal.       |
| IV.                                                        | 0                      | gibbicollis    (Horn) 70–288                              |                      |
|                                                            | Or.                    | IV.                                                       | 0.0                  |
| 09. puncticollis (Lec.) 66–111<br>robusta (Gebien) 10–135  | Or.                    | PM * 01 40 400                                            | So.Cal.              |
| Tobusta (Gebien) 10-133                                    | <b>01.</b>             | 57. ignava Csy, 12–180                                    | Ariz.                |
|                                                            |                        |                                                           |                      |

| Trichiasida Csy. 11858. impotens Csy. 12–180 V. 59. horrida (Champ.) 92–500                                                                                                                                                                                                                                                                              | Ariz. Mex. Tex.                                                                      | Asidopsis       Csy.         11881.       servilis       Csy.       12–199       Colo.         82.       immunda       Csy.       12–199       N.Mex.         83.       cœnosa       Csy.       12–200       N.Mex.                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 60. semilaevis (Horn) 70–284                                                                                                                                                                                                                                                                                                                             | Nev.                                                                                 | 84. planata (Horn) 94–415 L.Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Platasida Csy. 12–182<br>11861. embaphionides (Horn) 94–<br>62. flaccida (Horn) 96–379                                                                                                                                                                                                                                                                   | -419<br>L.Cal.<br>L.Cal.                                                             | Megasida Csy. 12-202<br>11885. obliterata (Champ.) 92-497 Mex.Ariz.Tex<br>Stethasida Csy. 12-203                                                                                                                                                                                                                                                                                                                                                                                    |
| Asidopsis Csy. 12–185                                                                                                                                                                                                                                                                                                                                    |                                                                                      | I.<br>11886. obsoleta (Lec.) 51–128 Cal. So.Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| I.  11863. macra (Horn) 82–304 64. eximia Csy. 12–188 65. quadricollis (Horn) 80–151 66. cochisensis Csy. 12–189 67. gracilipes Csy. 12–189 68. suavis Csy. 12–190 69. pinalica Csy. 12–190 II. 70. consentanea Csy. 12–192 71. obsidiana Csy. 12–193 72. polita (Say) 23–255 a. subopaca Csy. 12–193 b. futilis Csy. 12–194 73. dolosa Csy. 12–194 III. | N.Mex. Ariz. Tex. N.Mex. Ariz. Ariz. Ariz. Ariz. Cal.? Colo. Kan. Neb. Kan. Kan. Wy. | a. expansa Čsy. 12–205 b. opacella Csy. 12–205 Cal. 87. brevipes Csy. 12–206 Cal. 88. torpida Csy. 12–206 Cal. 89. discreta Csy. 12–207 Cal. 90. longula Csy. 12–207 Cal. 91. convergens Csy. 12–207 So.Cal. 92. adumbrata Csy. 12–208 Cal. 93. tarsalis Csy. 12–208 Cal. 94. occulta Csy. 12–208 Cal. 95. unica Csy. 12–209 So.Cal. II. 96. stricta Csy. 12–210 So.Cal. 97. pertinax Csy. 12–211 So.Cal. 98. muricatula (Lec.) 51–129 Cal. So.Cal. a. languida Csy. 12–211 So.Cal. |
| 74. mancipata (Horn) 78–56  IV.                                                                                                                                                                                                                                                                                                                          | N.Mex.                                                                               | 99. socors Csy. 12–212 Cal.<br>11900. angustula Csy. 90–370 So.Cal.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 75. nitidula Csy. 12–196<br>76. woodgatei Csy. 12–197<br>77. tensa Csy. 12–197<br>78. opaca (Say) 23–254                                                                                                                                                                                                                                                 | N.Mex.<br>N.Mex.<br>Colo.<br>Kan. Colo.                                              | a. inepta Csy. 12–213 So.Cal<br>01. tenax Csy. 12–213 So.Cal.<br>02. vegrandis Csy. 12–214 So.Cal.                                                                                                                                                                                                                                                                                                                                                                                  |
| 78. opaca (Say) 25–254 79. collega Csy. 12–198 80. abbreviata Csy. 12–198                                                                                                                                                                                                                                                                                | Kan. [Mont. N.Mex.                                                                   | Asida auct. nec Latr. 04–269 — californica Mots. 70–399 Cal.                                                                                                                                                                                                                                                                                                                                                                                                                        |

# TENEBRIONINÆ

Casey 90-390 pars

# SCAURINI

| Argoporis Horn 70-325<br>11903. costipennis (Lec.) 51-143<br>04. ebenina Horn 94-424<br>05. inconstans Horn 94-425 | Or. So.Cal.<br>L.Cal. [Ariz.<br>L.Cal. So.Cal. | Cerenopus Lec.<br>11913. cribratus Lec. 61–337<br>14. costulatus Horn 70–326                                                                 | L.Cal.<br>L.Cal.So.Cal.                         |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 06. alutacea Csy. 90-406<br>bicolor ‡ Horn 70-325                                                                  | Ariz.                                          | <b>Eulabis</b> Esch. 29–14                                                                                                                   |                                                 |
| 07. bicolor (Lec.) 51–143<br>08. rufipes Champ. 85–94<br>nitida Csy. 90–406<br>09. atripes Champ. 85–95            | Cal. So.Cal.<br>Mex. Tex.                      | (Apsena Lec. 62–228) 11915. bicarinata Esch. 29–15 16. pubescens (Lec.) 51–144 17. grossa (Lec.) 66–118 18. laticornis Csy. 91–60            | Cal.<br>Cal. So.Cal.<br>Cal. So.Cal.<br>So.Cal. |
| Cerenopus Lcc. 51–143 11910. concolor Lec. 51–143 11. angustatus Horn 94–426 12. aterrimus Horn 94–425             | Cal. So.Cal.<br>L.Cal.<br>L.Cal.               | 18. laticornis Csy. 91–60<br>19. crassicornis Csy. 90–404<br>20. rufipes Esch. 29–15<br>(Epantius Lec. 51–144),<br>21. obscura (Lcc.) 51–144 | So.Cal.<br>So.Cal.<br>Cal. So.Cal.              |

# BLAPTINI

| <b>Blaps</b> Fab. 75–254      |              | Blaps Fab.                      |
|-------------------------------|--------------|---------------------------------|
| 11922. mucronata Latr. 04–278 | *Eur. Md.    | similis Latr. 04–279            |
| 23. lethifera Marsh. 02–479   | *Eur.Va.N.J. | mortisaga ‡ auct. nec L. 58–418 |

# ELEODINI Blaisdell 09, 10<sup>1</sup>

| Eleode            | <b>8</b> Esch. 29–8                                 |               | Eleode            | es Esch.                                           |               |
|-------------------|-----------------------------------------------------|---------------|-------------------|----------------------------------------------------|---------------|
|                   | (Melaneodes Blais. 09-33)                           |               |                   | f. cognata Hald. 52–376                            | Ariz. Utah    |
| 11924.            | debilis Lec. 58–185                                 | N.Mex.Ariz.   |                   | f. cognata-punctata Blais.                         | 09–123        |
| 0.5               | . (0 ) 00 000                                       | Tex.          |                   | # 1 / D1 / 00 #00                                  | Colo. N.Mex.  |
| 25.               | carbonaria (Say) 23–260                             | Colo.N.Mex.   |                   | f. elongata Blais. 09–123                          | Ariz.         |
|                   | immunis Lec. 58–186                                 | [Ariz. Tex.   |                   | arizonensis Blais. 09–116                          | Ariz.         |
|                   | f. glabra Blais. 09–47                              |               | 11937.            | granulata Lec. 57–50                               | Or. Cal.      |
|                   | f. typica Blais. 09–47                              |               |                   | ?subaspera Sol. 48–237                             | 200           |
|                   | f. interstitialis Blais. 09–47                      |               |                   | subtuberculata Walk. 66–3                          | 328           |
|                   |                                                     | Tex.          |                   | f. typica Blais. 09–131                            | C 1           |
| 26.               | nitida Csy. 91–58                                   | Ariz.         |                   | f. obtusa Lec. 61–352                              | Cal.          |
|                   | dolosa Blais. 09–40                                 | A-1- NT NT    | 20                | f. aspera Lec. 66–115                              | N.Mex.?       |
|                   | ampla Blais. 09–40                                  | Ariz. N.Mex.  | 38.               | papillosa Blais. 17–226                            | No.Cal.       |
| 41.               |                                                     | Kan. N.Mex.   | 20                | f. tuberculata Blais.09-131                        |               |
|                   | f. glabra Blais. 09–60                              | Ariz.         | <i>59.</i>        | vandykei Blais. 09–116                             | Cal.          |
|                   | f. typica Blais. 09–60<br>f. punctata Blais. 09–60  | N.Mex. Colo.  |                   | f. typica Blais. 09–137                            | Or.           |
|                   | f. annectans Blais. 09-60                           | Colo.         | 40                | f. parvula Blais. 09–137<br>letcheri Blais. 09–116 | Nev.          |
| 9                 | porcata Csy. 90–396                                 | Ariz. N.Mex.  | 40,               |                                                    | INEV.         |
|                   | knausi Blais. 09–40                                 | N.Mex.        | 4.4               | (Tricheleodes Blais, 09–34)                        | ~ ~           |
|                   | omissa Lec. 58–186                                  | Cal.          |                   | hirsuta Lec. 61–352                                | So.Cal. Nev.  |
| 20.               | interrupta Blais. 92–241                            | Cal. So.Cal.  | 42.               | pilosa Horn 70–304                                 | So.Cal. Nev.  |
|                   | f. typica Blais. 09–73                              | Cal.          |                   | f. typica Blais. 09–143                            | [Or.          |
|                   | f. catalinæ Blais. 09–73                            | Cal.          | 40                | f. ordinata Blais. 09–143                          | 37.3 <i>6</i> |
|                   | f. communis Blais. 09–73                            | Cal.          | 43.               | barbata Wickh. 18–256                              | N.Mex.        |
|                   | f. emarginata Blais. 09-74                          |               |                   | (Pseudeleodes Blais. 09-34)                        |               |
| а.                | pygmæa Blais. 09–40                                 | So.Cal.       | 44.               | granosa Lec. 66–116                                | Cal. Nev.     |
|                   | f. typica Blais. 09–79                              | 2010411       |                   | f. typica Blais. 09–150                            |               |
|                   | f. borealis Blais. 09–79                            |               |                   | f. fortis Blais. 09–150                            |               |
| b.                |                                                     | L.Cal.        |                   | (Promus Lec. 62–226)                               |               |
|                   | quadricollis Esch. 29–12                            | Cal. So.Cal.  | 45.               | insularis Linell 01–181                            | L.Cal. Is.    |
|                   | f. typica Blais. 09–87                              |               |                   | terricola Blais. 10–61                             | L.Cal.        |
|                   | f. tarsalis Csy. 90-399                             | Cal.          | •                 | f. peninsularis Blais. 09-79                       | 2270027       |
| a.                | anthracina Blais. 09-87                             | Ariz.         | 46.               | subnitens Lec. 51–134                              | Ariz. So.Cal. |
| b.                | lustrans Blais. 09–89                               | Ariz.         |                   | f. typica Blais. 09–163                            |               |
| $30\frac{1}{2}$ . | cuneaticollis Csy. 90–397                           | Cal.          |                   | f. sinuata Blais. 09–163                           |               |
| 31.               | humeralis Lec. 57–50                                | Id.Wash.Or.   | 47.               | goryi Sol. 48–237                                  | Mex. N.Mex.   |
|                   | latiuscula Walk. 66–329                             | Vanc. [N.Cal. |                   | seriata Lec. 58–185                                | Tex. [Tex.    |
|                   | f. typica Blais. 09–97                              |               | $48\frac{1}{2}$ . | striolata Lec. 58–185                              | Tex. Mex.     |
|                   | f. granulato-muricata Blais                         |               | 49.               | fusiformis Lec. 58–184                             | Neb.Kan.Tex.  |
|                   |                                                     | Nev. Utah     | $49\frac{1}{2}$ . | opaca (Say) 23-262                                 | Tex.Neb.Kan.  |
| 00                | f. tuberculo-muricata Blais                         |               |                   |                                                    | Colo.         |
|                   | rileyi Csy. 92–57                                   | Ariz. [Colo.  |                   | (Heteropromus Blais. 09-33                         |               |
| 33.               | tricostata (Say) 23–262                             | MexBr.Am.     | 50.               | veterator Horn 74–33                               | Tex.          |
|                   | planata Sol. 48–366                                 |               |                   | (Eleodes Esch. s.str.)                             |               |
|                   | alternata Kby. 37–232                               |               | 51.               |                                                    | N.MexWash.    |
|                   | f. typica Blais. 09–106                             |               |                   | dispersa Lec. 58–182                               | ArizColo.     |
|                   | f. ovalis Blais. 09–106<br>f. costata Blais. 09–106 |               |                   |                                                    | N.Mex.        |
|                   | f. robusta Lec. 58–183                              |               | b.                | sulcipennis Mann. 43–266                           |               |
| 21                | pedinoides Lec. 58–183                              | Tex.          |                   | conjuncta Walk. 66–329                             | Vanc.         |
| 04.               | f. typica Blais. 09–109                             | ICA.          |                   | convexicollis Walk. 66–328                         | Vanc.         |
|                   | f. asperata Lec. 58–183                             |               |                   | f. arata Lec. 58–182                               |               |
| я                 | neomexicana Blais. 09–41                            | N.Mex.        |                   | acuta (Say) 23–258                                 | KanTex.       |
|                   |                                                     |               |                   | suturalis (Say) 23–257                             | TexDak.       |
| c-                | (Litheleodes Blais, 09-34)                          |               |                   | texana Lec. 58–182                                 | Kan.Tex.Colo. |
|                   | arcuata Csy. 84–47                                  | Ariz.         | 54.               | grandicollis Mann. 43–266                          | Cal. So.Cal.  |
| 36.               | extricata (Say) 23–261                              | TexBr.Am.     |                   | f. typica Blais. 09–208                            | 0 014         |
|                   | f. typica Blais. 09–122                             | 10            |                   | f. valida Boh. 59–90                               | So.Cal. Ariz. |
|                   | f. convexicollis Blais. 09–12                       |               | 55.               | sponsa Lec. 58–184                                 | TexVanc.      |
|                   |                                                     | Wy. Mont.     |                   | binotata Walk. 66–329                              | Vanc.         |
|                   |                                                     |               |                   |                                                    |               |

<sup>&</sup>lt;sup>1</sup> The letter f. preceding a name in Eleodes means "forma" a term used by Blaisdell to cover "minor degrees of divergencies exhibited by individuals that are presumably the progeny of parents specifically or racially identical." That author has, however, later elevated several such names to higher rank, the original presumption in such cases having been apparently erroneous. Though unnumbered, these names must not be construed as synonyms. Changes in 11926, 11930, 11948, 11949 and 11985 have been made by Dr. Blaisdell during proof reading.

| Eleod   | es Esch.                                                  |                              | Eleodes Esch.                                                |                              |
|---------|-----------------------------------------------------------|------------------------------|--------------------------------------------------------------|------------------------------|
| Fieod   | f. typica Blais. 09–215                                   |                              | 11971. lecontci Horn 70–304                                  | Colo.                        |
| 11956.  | f. convexa Blais. 09–215<br>hispilabris (Say) 23–259      | ColoMex.                     | subaspera    Lec. 66–115<br>72. tenebrosa Horn 70–304        | So.Cal. Nev.                 |
|         | lecontei Gemm. 70–122<br>sulcata Lec. 52–67               |                              | a. nana Blais. 09–311<br>73. inculta Lec. 61–352             | So.Cal. Nev.<br>Cal.         |
|         | f. typica Blais. 09–220                                   |                              | a. affinis Blais. 18–384                                     | Cal. Is.                     |
| 0       | f. nupta Lec. 58–183<br>sculptilis Blais. 09–220          | Tex. Ariz.                   | 74. consobrina Lec. 51–135<br>veseyi Lec. 58–187             | Cal. So.Cal.                 |
|         | f. convexa Lec. 57-49                                     | Tex.                         | 75. scabripennis Lec. 59–77                                  | Cal. So.Cal.                 |
| b.      | imitabilis Blais. 18–167<br>f. lævis Blais. 09–220        | Ut.Or.Wash.<br>Utah, Wash.   | 76. blanchardi Blais. 09–312<br>77. fuchsi Blais. 09–312     | Cal.                         |
|         | f. elongata Blais. 09–220                                 | Ariz.                        | 78. neotomæ Blais. 09–312                                    | Cal.                         |
| с.<br>d | composita Csy. 91–58<br>attenuata Blais. 18–168           | Tex. Ariz.                   | 79. horni Blais. 09–312<br>a. monticola Blais. 18–385        | Cal.                         |
|         | caudifera Lec. 58–184                                     | Colo.Ariz.Tex.               | 80. parvicollis Esch. 29–11                                  | Cal. So.Cal.                 |
|         | f. glabra Blais. 09–228<br>f. sublævis Blais. 09–228      | Tex. Ariz.                   | f. typica Blais. 09–356<br>f. farallonica Blais. 09–356      |                              |
|         | f. typica Blais. 09–228                                   |                              | a. planata Esch. 29–12                                       | Cal.                         |
| 58.     | f. scabra Blais. 09–228<br>longipilosa Horn 91–42         | N.Mex.<br>Nev. Cal.          | b. producta Mann. 43–271<br>c. trita Blais. 17–225           | Cal.<br>Or. No.Cal.          |
| 59.     | gracilis Lec. 58–184                                      | So.Cal.N.Mex.                | d. squalida Blais. 18–380                                    | Cal.                         |
|         | distans Blais. 09–235<br>subpinguis Blais. 09–234         | Tex.                         | e. constricta Lec. 58–187<br>81. hoppingi Blais. 09–312      | Cal.                         |
| 61.     | dentipes Esch. 29–10                                      | Cal.                         | 82. clavicornis Esch. 29–11                                  | Cal.                         |
|         | pertenuis Blais. 09–253<br>elongata Blais. 09–254         |                              | impressicollis Boh. 58–90°<br>83. scabrosa Esch. 29–11       | Cal.                         |
|         | f. lævis Blais. 09–254<br>perpunctata Blais. 18–386       | Cal                          | 84. cordata Esch. 29–11<br>tuberculata Esch. 29–12           | Cal.                         |
|         | f. punctata Blais. 09–254                                 |                              | intricata Mann. 43–273                                       |                              |
|         | prominens Csy. 90–401<br>confinis Blais. 95–237           | Cal.                         | stricta Lec. 57–50<br>84. f. sublævis Blais. 09–381          | Cal.                         |
|         | f. robusta Blais. 09–255                                  |                              | f. typica Blais. 09–381                                      | Cal.                         |
|         | elegans Csy. 90–401<br>armata Lec. 51–134                 | No.Cal.<br>Colo.Ariz.Cal.    | a. adulterina Blais. 17–244<br>f. intermedia    Blais. 09–3  | No.Cal.                      |
| 02.     | f. typica Blais. 09–262                                   | [So.Cal.                     |                                                              | No.Cal.                      |
| a.,     | f. sinuata Blais. 09–262 impotens Blais. 95–236           |                              | f. elongata Blais. 09–381<br>f. oblonga Blais. 09–381        | So.Cal.                      |
|         | subcylindrica Csy. 90–400                                 | Ariz.                        | b. horrida Blais. 18–383                                     | Cal.                         |
|         | f. typica Blais. 09–262<br>f. subedentata Blais. 09–26    |                              | c. rotundipennis Lec. 57–50<br>d. hybrida Blais. 17–225      | Or. Wash.<br>No.Cal.         |
| 63.     | femorata Lec. 51–134                                      | Cal. So.Cal.                 | 85. pimelioides Mann. 43–274                                 | Wash.Nev.                    |
|         | f. typica Blais. 09–270<br>f. subedentata Blais. 09–27    | 70                           | subligata Lec. 57–50<br>viator Lec. 58–188                   | [Mont.                       |
|         | militaris Horn 70–303                                     | L.Cal. Ariz.<br>Cal. So.Cal. | a. brunnipes Csy. 90–402                                     | Id. Wy.                      |
| 04.     | acuticauda Lec. 51–135<br>f. typica Blais. 09–278         | Cai. 50.Cai.                 | b. brevisetosa Blais. 18–162<br>c. patruelis Blais. 18–382   | Cal.<br>Ut.                  |
|         | f. punctata Blais. 09–278 laticollis Lec. 51–135          |                              | 86. nunenmacheri Blais.18–163<br>a. verrucula Blais. 18–164  | 3Or. Cal.<br>Or. Cal.        |
|         | f. muricata major Blais. 09                               |                              | 87. propinqua Blais. 18–165                                  | Cal.                         |
|         | f. muricata minor Blais. 09<br>f. insularis Blais. 09–284 | 9–283<br>St. Nich. Is.       | 88. manni Blais. 17–221<br>a. variolosa Blais. 17–223        | Wash.                        |
|         | eschscholtzi Sol. 48–238                                  | Mex. Tex.                    | 89. caseyi Blais. 09–313                                     | Nev. Cal.                    |
| a.      | lucæ Lec. 66–114<br>f. typica Blais. 09–291               | L.Cal.<br>L.Cal.             | (Metablapylis Blais. 09–34)                                  | Or Colo Aria                 |
|         | f. ccaudata Blais. 09–291                                 | L.Cal.                       | 90. nigrina Lec. 58–186<br>a. perlonga Blais. 09–393         | Or. Colo.Ariz. Wy.           |
|         | f. inflata Blais. 09–291<br>f. grandis Blais. 09–291      | L.Cal.<br>L.Cal.             | 91. dissimilis Blais. 09–393<br>a. nevadensis Blais. 09–393  | Ariz.                        |
|         | tenuipcs Csy. 90–399                                      | Tex.                         | 92. schwarzi Blais. 09–393                                   | Nev. Ariz.<br>Wash.          |
|         | wickhami Horn 91–41<br>ventricosa Lec. 58–186             | Ariz.<br>Tex. Mex.           | (Steneleodes Blais. 09–33)                                   | N. C.I                       |
|         | falli Blais. 09–235                                       |                              | 93. gigantea Mann. 43–267<br>a. gentilis Lec. 58–187         | No.Cal.<br>Cal. So.Cal.      |
|         | (Blapylis Horn 70–301)                                    | T (2.1                       | b. estriata Csy. 90–398                                      | So Col I Col                 |
| 69.     | tibialis Blais. 09–311<br>f. typica Blais. 09–315         | L.Cal.<br>L.Cal.             | c. meridionalis Blais. 18–387<br>94. longicollis Lec. 51–134 | So.Cal.L.Cal.<br>Ariz.N.Mex. |
|         | f. oblonga Blais. 09–315                                  | L.Cal.                       | haydeni Lec. 58–186                                          | L.Cal.                       |
| 70.     | snowi Blais. 09–311<br>f. typica Blais. 09–321            | Colo.Ariz.                   | 95. innocens Lec. 66–114<br>( <i>Discogenia</i> Lec. 66–117) | D.Car.                       |
|         | f. sinuata Blais. 09–321                                  |                              | 96. marginata Esch. 29–10                                    | Cal. So.Cal.                 |
|         | f. robusta Blais. 09–32                                   |                              | fischeri Mann. 43–137                                        |                              |

| Eleodes Esch. 11997. scabricula Lec. 58-187 f. typica Blais. 09-444 f. deplanata Blais. 09-444 98. planipennis Lec. 66-116  — reflexicollis Mann. 43-270 — vicina Lec. 51-133  Trogloderus Lec. 79-2 11999. costatus Lec. 79-3 12000. tuberculatus Blais. 09-486  Eleodimorpha Blais. 09-477 12001. bolcan Blais. 09-479                                                                                                                                                                                                                                                                                       | Cal. Nev. Id.Ariz.                                                                                                                                                        | Embaphion Say 23–254 12002. depressum Lec. 51–136 03. elongatum Horn 70–321 04. glabrum Blais. 09–453 05. contractum Blais. 09–453 06. planum Horn 70–321 07. contusum Lec. 58–20 f. typica Blais. 09–471 f. grandis Blais. 09–471 a. laminatum Csy. 90–403 08. muricatum Say 23–251 concavum Lec. 53–446                                                                                                                                                                                                                                                  | Cal. So.Cal. Nev. Cal. Ariz. N.Mex. N.Mex. Kan. Colo. Wy.Colo.Ariz.  Tex. Tex. Colo.Kan. Ncb. S.Dak. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CONIO                                                                                                                                                                     | NTINÆ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Brane                                                                                                                                                                     | CHINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                      |
| <b>Branchus</b> Lec. 63–222<br>12009. floridanus Lec. 66–111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fla.                                                                                                                                                                      | Branchus Lec.<br>12010. opatroides Champ. 92–507                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7 Mex. Tex.                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Conio                                                                                                                                                                     | NTINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                      |
| Nesostes Csy. 08-58 12011. robustus (Lec.) 66-112 a. postremus Csy. 08-59  Discodemus Lec. 66-223                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | So.Cal. Is.<br>So.Cal. Is.                                                                                                                                                | Sphæriontis Csy. 08–75<br>12043. muricata (Lec.) 51–132<br>44. dilatata (Lec.) 51–132<br>45. acomana Csy. 08–76<br>46. ciliata (Horn) 94–422                                                                                                                                                                                                                                                                                                                                                                                                               | Or. So.Cal.<br>So.Cal. [Ariz.<br>N.Mex.<br>L.Cal.                                                    |
| 12012. reticulatus (Say) 23–250 13. corrosus Csy. 08–61 14. brevipennis Csy. 08–61 15. elongatulus Csy. 08–61 16. depressulus Csy. 08–62 17. subsericeus Csy. 08–62 18. knausi Csy. 08–62                                                                                                                                                                                                                                                                                                                                                                                                                      | N.Mex. Tex. Ariz. Ariz. Ariz. Ariz. Colo.                                                                                                                                 | 47. puberula (Lec.) 54–84  Coniontides Csy. 08–78 12048. latus (Lec.) 66–113 49. finitimus Csy. 08–79 50. insularis Csy. 90–377 51. clementinus Csy. 08–80                                                                                                                                                                                                                                                                                                                                                                                                 | So.Cal.Is. ? So.Cal. Is. So.Cal. Is.                                                                 |
| Megasattus Csy. 08–62<br>12019. erosus (Horn) 70–294<br>20. costatus (Horn) 70–293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | L.Cal.<br>L.Cal.                                                                                                                                                          | Coniontis Esch. 29–7 (Coniontis s. str.)  I. 12052. abdominalis Lec. 59–77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                      |
| <b>Eusattodes</b> Csy. 08-64<br>12021. lævis (Lec.) 66-113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L.Cal.So.Cal.                                                                                                                                                             | 53. tristis Csy. 08-84<br>54. strenua Csy. 08-84<br>55. gravis Csy. 08-85<br>56. rugosa Csy. 08-85<br>57. tenebrosa Csy. 08-86                                                                                                                                                                                                                                                                                                                                                                                                                             | So.Cal. So.Cal. Cal. ? So.Cal.                                                                       |
| Conipinus Lec. 51–131 (Conipinus Lec. 63–223)  12022. secutus Horn 94–421 23. nanus Csy. 95–613 24. dubius Lec. 51–132 25. oblongulus Csy. 08–67 26. productus Lec. 58–20 27. explanatus Csy. 08–68 28. vicinus Csy. 08–68 29. lobatus Csy. 08–68 30. politus Horn 82–304 31. coquilleti Linell 99–180 32. difficilis Lec. 51–132 33. agnatus Csy. 08–70 34. compositus Csy. 08–71 35. congener Csy. 08–71 36. acutangulus Csy. 08–72 37. convexus Lec. 51–132 38. rotundus Csy. 08–72 39. subnitens Csy. 08–73 40. turgidus Csy. 08–73 41. peropacus Csy. 08–74 42. acutus Csy. 08–74 ?sculptus Champ. 92–510 | L.Cal. Cal. Cal. Ariz. So.Cal. Cal. Ariz. So.Cal. So.Cal. Ariz. So.Cal. So.Cal. So.Cal. So.Cal. So.Cal. Cor. N.Mex. Colo. So.Cal.Colo. Colo. [N.Mex. Ariz. Kan. Kan. Kan. | 58. integer Csy. 08–87 59. levettci Csy. 08–87 a. picescens Csy. 08–87 b. pectoralis Csy. 08–86 60. clliptica Csy. 84–46 a. catalinæ Csy. 08–88 61. lævigata Csy. 08–89 62. luctuosa Csy. 08–89 63. costulata Csy. 08–89 64. robusta Horn 70–296 65. sanfordi Blais. 95–235 66. verna Csy. 08–94 II. 67. histrio Csy. 08–91 68. ancilla Csy. 08–91 69. oblonga Csy. 08–92 70. obsolescens Csy. 08–92 71. pallidicornis Csy. 90–385 72. degener Csy. 08–93 73. opaca Horn 70–296 74. lassenica Csy. 08–95 75. nevadensis Csy. 08–95 a. carsonica Csy. 08–95 | So.Cal. ? ? ? So.Cal. So.Cal. Is. Cal. So.Cal. So.Cal. Cal. Cal. Cal. Cal. Cal. Cal. Cal.            |

| Coniontis Esch.                                        |               | Coniontis Esch.                                        |                          |
|--------------------------------------------------------|---------------|--------------------------------------------------------|--------------------------|
| 12076. punctipes Csy. 90–380                           | So.Cal.       | 12124. marginata Csy. 08-125                           | Cal.                     |
| III.                                                   |               | 25. nemoralis Esch. 29–8                               | Cal.                     |
| 77. rotundicollis Csy. 08–97                           | Cal.          | 26. parva Csy. 08–126                                  | Cal.                     |
| 78. blaisdelli Csy. 08–98                              | Cal.          | 27. minuta Csy. 08–126                                 | Cal.                     |
| 79. innocua Csy. 08–99                                 | Cal.          | 28. perpolita Csy. 08–127<br>29. pudica Csy. 08–127    | Cal.                     |
| 80. elongata Csy. 90–380                               | Cal.          | 30. callida Csy. 08–128                                | No.Cal.?                 |
| a. limatula Csy. 08–99<br>81. obsidiana Csy. 08–100    | Cal.          | 31. shastanica Csy. 08–128                             | No.Cal.                  |
| 82. cylindrica Csy. 08–100                             | Cal.          | 32. conferta Csy. 08–129                               | No.Cal.                  |
| 83. genitiva Csy. 90–385                               | Cal.          | 33. eschscholtzi Mann.40–138                           | Cal.                     |
| 84. opacicollis Csy. 08-101                            | ?             | inæqualis Csy. 90–375                                  | G 1                      |
| 85. longicollis Csy. 08–101                            | ?             | 34. pagana Csy. 08–130                                 | Cal.                     |
| 86. timida Csy. 08–102                                 | Cal.          | 35. inornata Csy. 08–130                               | Cal.                     |
| 87. conicicollis Csy. 08–102                           | Cal.          | 36. congesta Csy. 08–131<br>37. agrestis Csy. 08–131   | Cal.                     |
| 88. viatica Esch. 29–7                                 | Cal.          | 38. farallonica Csy. 95–610                            | So.Cal.Is.               |
| 89. lucidula Csy. 08–103<br>90. protensa Csy. 08–104   | Cal.          | VIII.                                                  | 20.04.125.               |
| 91. thoracica Csy. 08–104                              | Cal.          | 39. breviuscula Csy. 08–133                            | Wash.?                   |
| 92. proba Csy. 08–105                                  | Or.           | 40. sculptipennis Csy. 08–134                          |                          |
| 93. puncticollis Lec. 51–131                           | Cal.          | 41. regularis Csy. 08-134                              | Wash.                    |
| 94. exigua Csy. 08–106                                 | Cal.          | 42. punctata Csy. 08–135                               | Wash.?                   |
| inflexula Csy. 08–107                                  | Cal.          | 43. parilis Csy. 08–135                                | Vanc.                    |
| 95. paupercula Csy. 08–106                             | Cal.          | 44. vancouveri Csy. 08–136                             | Vanc.                    |
| 96. hoppingi Blais. 18–7                               | Cal.          | 45. uteana Csy. 08–136                                 | Utah                     |
| 97. microsticta Csy. 08–107                            | Cal.          | 46. inepta Csy. 08–137                                 | Colo.<br>No.Idaho?       |
| 98. picipes Csy. 08–107<br>99. inconspicua Csy. 08–108 | Cal.          | 47. oblita Csy. 08–137<br>48. arida Csy. 08–138        | S.W. Utah                |
|                                                        | Cai.          | 49. weidti Csy. 08–138                                 | S.W. Utah                |
| IV.<br>12100. atronitens Csy. 08–110                   | No.Cal.       | 50. acerba Csy. 08–139                                 | Mont.                    |
| 01. sparsa Csy. 08–110                                 | Cal.          | 51. anita Csy. 08–139                                  | Colo.                    |
| 02. cuneata Csy. 08–111                                | So.Cal.       | 52. alutacea Csy. 90–383                               | Nev.                     |
| V.                                                     | Soveau.       | 53. corvina Csy. 08–140                                | Colo.                    |
| 03. montana Csy. 90–384                                | Cal. Or.      | 54. ovalis Lec. 51–131                                 | Or. Wash.                |
| a. canonica Csy. 08–114                                | Cal. Or.      | /A                                                     | Vanc. Mont.              |
| b. perspicua Csy. 08–114                               | Cal.          | (Crypticomorpha Csy. 08–1                              | 40)<br>C-1               |
| 04. subpubescens Lec. 51–131                           | Cal. So.Cal.  | 55. tenuis Csy. 08–141                                 | Cal.                     |
| 05. parallela Csy. 90–386                              | Cal.          | (Brachyontis Csy. 08–141)                              | ~ . ~ ~ .                |
| 06. parviceps Csy. 90–387                              | So.Cal.       | 56. globulina Csy. 95–610                              | Cal. So.Cal.             |
| 07. filiola Csy. 08–115                                | So.Cal.       | a. muscula Blais. 18–9                                 | Cal.                     |
| VI.                                                    | T 1 1         | Coniontellus Csy. 90–388                               |                          |
| 08. setosa Csy. 90–387                                 | Idaho<br>Utah | 12157. hystrix Csy. 08–142                             | Nev.                     |
| 09. obtusa Csy. 08–116<br>10. lanuginosa Csy. 08–117   | Nev.          | 58. longipennis Csy. 08–143                            | Nev.                     |
| 11. wickhami Csy. 08–117                               | Utah          | 59. inflatus Csy. 90–389                               | Nev.                     |
| 12. pubifera Csy. 08–118                               | Wash.         | 60. ampliatus Csy. 08–144                              | Nev.                     |
| VII.                                                   |               | 61. obesus (Lec.) 51–131                               | Colo.                    |
| 13. expansa Csy. 08–120                                | Cal.          |                                                        | Mont.                    |
| 14. franciscana Csy. 08–120                            | Cal.          | 62. argutus Csy. 08–145                                | Cal.                     |
| 15. truncata Csy. 08–120                               | Cal.          | 63. micans Csy. 08–145                                 | Colo.                    |
| 16. suturalis Csy. 08–121                              | ?             | Conisattus Csy. 95-614                                 |                          |
| 17. audax Csy. 08–121                                  | ?             | 12164. rectus Čsy. 95–614                              | Or.                      |
| 18. convergens Csy. 08–122                             | ?<br>Cal.     | Contain II 76 000                                      |                          |
| 19. symmetrica Csy. 08–122<br>20. anxia Csy. 08–123    | Car.          | Cœlotaxis Horn 76–200<br>12165. punctulata Horn 76–201 | Guadalupa                |
| 21. affinis Lec. 51–130                                | Cal.          | 66. muricata Horn 76–201                               | Guadalupe<br>Is. So.Cal. |
| a. patruelis Csy. 08–123                               | Cal.          | 67. densa Csy. 08–149                                  | Is. So.Cal.              |
| 22. oregona Csy. 08-124                                | Or.           | 68. angustula Csy. 90-177                              | Is. So.Cal.              |
| 23. extricata Csy. 08–124                              | Cal.          | 69. frontalis Csy. 08-149                              | Is. So.Cal.              |
|                                                        |               |                                                        |                          |
|                                                        | CŒL           | INI                                                    |                          |
| Cœlus Esch. 29–5                                       |               | Cœlus Esch.                                            |                          |
| 12170. globosus Lec. 51–133                            | So.Cal.       | 12175. debilis Csy. 08–155                             | Cal.                     |
| 71. grossus Csy. 90–178                                | Cal. So.Cal.  | 76. curtulus Csy. 95–612                               | Cal.                     |
| 72. solidus Csy. 08–153                                | So.Cal.       | 77. arenarius Csy. 89–179                              | So.Cal.                  |
| 73. saginatus Csy. 08–154                              | So.Cal.       | 78. sternalis Csy. 08-156                              | So.Cal.                  |
| 74. ciliatus Esch. 29–5                                | Cal.          | 79. <b>o</b> bscurus Csy. 08–156                       | So.Cal.                  |
| a. longulus Csy. 08-154                                | Cal.          | 80. scolopax Csy. 08–157                               | So.Cal.                  |
|                                                        |               |                                                        |                          |

| Cœlus Esch.<br>12181. amplicollis Csy. 08-157<br>82. latus Csy. 95-612 | So.Cal.                    | Cœlus Esch.<br>12184. remotus Fall 97-241                                                | So. Cal. Is.             |
|------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------|--------------------------|
| ( <i>Pseudocælus</i> Csy. 08–152)<br>83. pacificus Fall 97–241         |                            | <b>C</b> @lomorpha Csy. 90–182<br>12185. maritima Csy. 90–183<br>86. pallens Csy. 08–160 | L.Cal. So.Cal.<br>L.Cal. |
|                                                                        | DEDIN                      | TT 377                                                                                   |                          |
|                                                                        | PEDIN                      |                                                                                          |                          |
|                                                                        | Blapstini (pars            | ) Cascy 95-615                                                                           |                          |
| Opatrinus Latr. 29–19 12187. aciculatus Lec. 58–75                     | Tex. Fla.                  | Blapstinus Latr.<br>12227. meestus Melsh. 46–65                                          | N.H. R.I.Va.             |
| 88. minimus (Beauv.) 05–164<br>notus (Say) 27–237                      | Fla. [Conn.                | 28. pinorum Csy. 14–377<br>29. gregalis Csy. 90–442                                      | N.C. [Ind. ColoWash.     |
| 89. sayi Horn 70–349                                                   | Kan.                       | 30. substriatus Champ. 85–128<br>31. lepidus Csy. 90–444                                 | Tex.                     |
| <b>Ulus</b> Horn 70–358<br>12190. obliquus (Lec.) 66–117               | L.Cal.                     | 32. æqualis Csy. 90–445<br>33. funebris Csy. 90–446                                      | So.Cal.<br>So.Cal.       |
| 91. fimbriatus Csy. 90–413                                             | Tex.                       | 34. pulverulentus Mann. 43–2                                                             |                          |
| 92. maritimus Csy. 90–414                                              | Tex. Fla.                  |                                                                                          | Cal.                     |
| 93. elongatulus Csy. 90–414<br>94. latus Blais. 92–243                 | Tex. Ariz.<br>So.Cal.      | californicus Mots. 45–77<br>35. parallelus Csy. 90–448                                   | Cal.                     |
| 95. crassus (Lec.) 51–146                                              | So.Cal. Ariz.              | 36. inquisitus Csy. 90–449                                                               | Cal.                     |
|                                                                        |                            | 37. auripilis Horn 70–353                                                                | Ariz.                    |
| Cybotus Csy. 90–409                                                    | Tal                        | 38. intermixtus Csy. 90–451                                                              | Ariz.                    |
| 12196. estriatus (Lec.) 78–420                                         | Fla.                       | 39. brevicollis Lec. 51–147<br>40. brunneus Csy. 90–453                                  | So.Cal. Wash.<br>Tex.    |
| Mecysmus Horn 70–349                                                   |                            | 41. hesperius Csy. 90–454                                                                | Or.                      |
| 12197. laticollis Csy. 90–463                                          | Tex.                       | 42. vestitus Lcc. 59–15                                                                  | Kan. Colo.               |
| 98. angustus (Lec.) 51–147<br>99. tenuis Csy. 90–465                   | So.Cal. Ariz.              | 43. pimalis Csy. 85–185<br>umbrosus Champ. 85–127                                        | Ariz. Mex.               |
| 12200. parvulus Csy. 90–466                                            | N.Mex.                     | 44. arenarius Csy. 90–457                                                                | Tex.                     |
| 01. advena Csy. 90–466                                                 | Tex.                       | 45. debilis Csy. 90–458<br>46. humilis Csy. 90–459                                       | Tex. Fla.<br>Fla.        |
| Aconobius Csy. 95-617                                                  |                            | 47. aciculus Blatch. 17–275                                                              | Fla.                     |
| 12202. laciniatus (Csy.) 92–64                                         | Ariz.                      | 48. pubescens Lec. 51–147                                                                | So.Cal.                  |
| 03. densus Csy. 14–377<br>04. nigripes Csy. 14–378                     | N.Mex.<br>Tex.             | lecontei Muls. & Rey 59–1<br>49. sulcatus Lec. 51–147                                    | 192<br>So.Cal. Tex.      |
| on mgmpos esg. 11 oro                                                  | i on.                      | 50. hydropicus Csy. 90–461                                                               | Ariz.                    |
| Blapstinus Latr. 29–21                                                 | DI M                       | 51. discolor Horn 70–354                                                                 | Cal.                     |
| 12205. alutaceus Csy. 90–423<br>opacus    Lec. 78–420                  | Fla. Tex.                  | Comibing Los 51 145                                                                      |                          |
| 06. dispar Csy. 90–424                                                 | Fla.                       | Conibius Lec. 51–145<br>12252. parallelus Lec. 51–146                                    | So.Cal.                  |
| 07. metallicus (Fab.) 01–143                                           | CanFla.Ind.                | 53. seriatus Lec. 51–146                                                                 | No. & So.Cal.            |
| a. æneolus Melsh. 46–66                                                | Fla.<br>Fla.N.Y.           | 54. guadalupensis Csy. 90–470                                                            | A .                      |
| 08. interruptus (Say) 23–264                                           | Minn.Colo.                 | 55. uniformis Csy. 90–471<br>56. brunnipes Champ. 85–183                                 | Arız.<br>Mex (II S ?)    |
| luridus Muls. & Rcy 59-1                                               | 93 [Conn. Ind.             |                                                                                          | 2.2011(01.211)           |
| 09. pratensis Lec. 59–15                                               | Kan. Colo<br>Tex. [Tex.    | (Ooconibius Csy. 95–618)<br>57. opacus (Lec.) 66–118                                     | Cal.                     |
| 10. fuscus Csy. 90–427<br>11. longulus Lec. 51–147                     | Tex. [Tex. So.Cal.Ariz.    | rcflexus (Horn) 94–429                                                                   | L.Cal.                   |
| 12. validus Csy. 90–429                                                | So.Cal.                    | (Euconibius Csy. 95–618)                                                                 |                          |
| 13. fortis Lec. 78–420 interstitialis Champ. 85–1                      |                            | 58. gagates Horn 70–357                                                                  | Ariz.                    |
| punctulatus    Jacq. Duv. 14. dilatatus Lec. 51–146                    | So.Cal. Ariz.              | 59. rotundicollis Linell 01–182                                                          | Prex.                    |
| ?pullus (Say) 23–264<br>15. sonoræ Csy. 90–431                         | Mex.(U.S.?)                | Notibius Lec. 51–144                                                                     |                          |
| 16. castaneus Csy. 90–432                                              | Tex.Ariz.Colo.             | 12260. puberulus Lec. 51–145                                                             | So.Cal.                  |
| 17. histricus Csy. 90–433                                              | L.Cal.So.Cal.              | a. substriatus Csy. 90–479                                                               | S.W.Utah-Cal.            |
| 18. hospes Csy. 90–455                                                 | Colo.Wy.                   | b. laticeps Csy. 90–480<br>61. puncticollis Lec. 51–145                                  | So.Cal.<br>So. & No.Cal. |
| 19. oregoncnsis Csy. 90–435<br>20. niger Csy. 90–436                   | Ariz.                      | or punctioning Decrot 140                                                                |                          |
| 21. cribricollis Csy. 90–437                                           | Ariz.                      | Nocibiotes Csy. 95-618                                                                   | ~ ~ ~                    |
| 22. fuliginosus Csy. 90–438                                            | Cal.                       | 12262. granulatus (Lec.) 51–145                                                          | So.Cal. Ariz.            |
| 23. rufipes Csy. 90–439<br>24. coronadensis Blais. 92–242              | So.Cal. Ariz.<br>2 So.Cal. | 63. gracilis Csy. 95–618<br>64. crassipes (Csy.) 90–475                                  | So.Cal.                  |
| 25. crassicornis Csy. 90–440                                           | Nev.                       | 65. acutus Csy. 95–620                                                                   | Ariz.                    |
| 26. elongatus Csy. 90–441                                              | Cal.                       | 66. caudatus Csy. 95–621                                                                 | Ariz.                    |

Nocibiotes Csy.

12267. rubripes Csy. 95-621

Ariz.

Tonibiastes Csy. 95-617

12269. costipennis (Horn) 94-430 L.Cal.

**Tonibius** Csy. 95–622

12268. sulcatus (Lec.) 51–145 a. alternatus (Csy.) 90–473 So.Cal. Cal.

Conibiosoma Csy. 90-476

12270. elongatum (Horn) 70-351 So.Cal.

### OPATRINÆ

#### LEICHENINI

Alaudes Horn 70-361

12271. singularis Horn 70-362

So.Cal.

Trichoton Hope 40–111

12274. sordidum (Lec.) 51–146 So.Cal. Ariz.

Anemia Cast. 40–218

12272. californica Horn 70-378

Ammodonus Muls. & Rey 59–143 12275. fossor (Lec.) 47–92

N.Y.S.I. N.J.

So.Cal.

76. granosus Fall 12-47

Ariz.

Cnemeplatia Costa 47-146

12273. sericea Horn 70–360

So.Cal. Ariz.

Leichenum Blanch. 45-14

†Ala.

12277. variegatum Küst. 49-66

Madagascar

#### **OPATRUMINI**

Gonocephalum Chev. 49-274

12278. latifrons (Lcc.) 74–70

†Vanc.

Cyclosattus Csy. 92-710 12280. websteri Csy. 91-56

Colo.

**Ephalus** Lec. 62–229

12279. latimanus (Lcc.) 54-219

Atl. St.

### TRACHYSCELINÆ

Trachyscelis Latr. 09-379

12281. flavipes Melsh. 46-61

Gulf St.

L.Cal.

E.U.S. Conn.

Miss. Fla.

Fla.

### **PHALERIINÆ**

| Phaleria Latr. 02–16 | Ph | ıalei | ria J | Latr | 02 | -162 | 2 |
|----------------------|----|-------|-------|------|----|------|---|
|----------------------|----|-------|-------|------|----|------|---|

(*Halophalerus* Cr. 73–107) 12282. rotundata Lec. 51–148 Cal. So.Cal. 83. limbata Horn 70–375 Cal. So. Cal.

84. pilifera Lec. 66–125 85. punctipes Lec. 78-421

86. testacea Say 24–280 87. longula Lcc. 66-125

Phaleria Latr.

12288. picipes Say 24–280 89. debilis Lec. 66–125 90. gracilipes Csy. 90-484

91. globosa Lec. 57–51 92. humeralis Cast. 40–129 93. picta Mann. 43-277

U.S. Fla. Cal. Tex.

Cal. Cal. Alas.

#### CRYPTICINÆ

Crypticus Latr. 17-298

(Pedinus Latr. 96-20)

Crypticus Latr.

12294. obsoletus (Say) 23–265

Atl. St. Fla.

### **BOLITOPHAGINÆ**

Bolitotherus Cand. 61-367

(Phellidius Lec. 66-236) 12295. cornutus (Panz.) 94-5 bifurcus (Fab.) 98-40

Fla. Ind. Conn.

**Eleates** Csy. 86-253

12297. depressus (Rand.) 38-21 98. explanatus Csy. 90-486 99. occidentalis Csy. 86–254

Me. Or. Cal. Cal.

Bolitophagus Ill. 98–100

12296. corticola Say 25-238

Conn. Ind.

Megeleates Csy. 95-623

12300. sequoiarum Csy. 95-624  $\mathbf{Cal}$ 

### RHIPIDANDRINÆ1

#### Barber

Rhipidandrus Lec. 62–236

(? Heptaphylla Fried. 83–375)

12301. flabellicornis (Sturm) 26–59 Can. Fla. Tex. ?paradoxa (Beauv.) 05–173

Cherostus Waterh.

12302. peninsularis (Horn)94-392 L.Cal. Ariz. 03. fulvomaculata (Dury) 14–168 Tex.

Fla.

Cherostus Waterh. 94–68

(Eutomus Lacord. 66–369 nec Hope)

Eledona Latr. 96-19

12304. agaricola (Hbst.) 83–35 Eur.& N.Am.? fungicola Horn 70–389

<sup>1</sup> Corrections furnished by Mr. Barber who further suggests that the subfamily may be suppressed and included in Bolitophaginæ.

<sup>†</sup> Introduced.

### DIAPERINÆ

| Diaperis Geoffr. 62–337                                          |                            | Platydema Cast. & Brullé                                                     |                |
|------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------|----------------|
| 12305. maculata Oliv. 91–273                                     | U.S. Mex.                  | 12319. flavipes (Fab.) 01–567                                                | Ind. Fla. N.J. |
| hydactina Fab. 98–178                                            | [Conn. Ind.                | basale Hald. 48–101                                                          | [Mich.         |
| hydni Fab. 01–585<br>suturalis Chev. 77–170                      | Fla.                       | 20. subquadratum Mots. 73–4                                                  | No. & C.Am.    |
| a. floridana Blatch. 12–332                                      | Fla.                       | janus ‡ Horn 70–382                                                          | Fla. [So.Cal.  |
| 06. rufipes Horn 70–379                                          | Ariz.                      | pernigrum Csy. 84–49                                                         | Ariz.          |
| Palembus Csy. 91–65                                              |                            | ventrale Chev. 77–186                                                        |                |
| 12307. ocularis Csy. 91–65                                       | Fla.                       | 21. ellipticum (Fab.) 98–49                                                  | Conn.Fla.Ind.  |
|                                                                  |                            | 22. oregonensc Lcc. 57–51                                                    | So.Cal. Or.    |
| Hoplocephala Cast. & Brullé 31-<br>(Arrhenoplita Kby. 37-235     |                            | 23. americanum Cast.&Brll. 3                                                 | Ariz.<br>1–358 |
| (Evoplus Lec. 66–128)                                            | "                          | 20. americanum Cast. Com. o                                                  | Can. N.J.      |
| (Neomida Muls. 54–217)                                           |                            | 24. lævipes Hald. 48–101                                                     | Fla. Ind.      |
| 12308. viridipennis (Fab.) 01–586                                |                            | 25. crenatum Lec. 78–422                                                     | Fla.           |
| 09. bicornis (Fab.) 77–215                                       | No.&.C.Am.                 | 26. micans Horn 70–383                                                       | S.C. Fla. Ind. |
| gracilis Mots. 73–467                                            | [Ind. Conn.                | 27. picilabrum Melsh. 46–62<br>28. subcostatum Cast.&Brll. 3                 | Ind. Fla.      |
| metallica (Beauv.) 05–139<br>virescens Cast. & Brll. 31-         |                            | 20. subcostatum Cast. CDFn. 5                                                | Ind. Fla.Conn. |
| 10. ferruginea Lec. 66–128                                       | Fla.                       | clypeatum Hald. 48–102                                                       | ind:i ia:com:  |
| castanea Mots. 73–467                                            |                            | 29. inquilinum Linell 01–183                                                 | Ariz.          |
| — chalybea Cast. & Brll. 31–3                                    |                            | — cyaneum Cast.&Brll. 31-3                                                   | -              |
| II. : C -4 9.D.II 91 945                                         | Pa.                        | — flavicorne Mots. 73–429                                                    | La.            |
| — collaris Cast.&Brll. 31–347                                    | ra.                        | <ul> <li>— nigratum Mots. 73–478</li> <li>— nigritum Mots. 73–470</li> </ul> | Cal.<br>La.    |
| Scaphidema Redt. 49–591                                          |                            | - oblongulum Mots. 73–470                                                    |                |
| (Nelites Lec. 50–232)                                            | T C.                       | — politum Cast.&Brll.31–361                                                  |                |
| 12311. aeneolum (Lec.) 50–232<br>12. pictum Horn 74–36           | L.Sup.<br>Or.              | — 4-maculatum Cast.&Brll. 3                                                  | 31–383         |
|                                                                  | OI.                        | · · · · · · · · · · · · · · · · · ·                                          | Pa.            |
| <b>Uloporus</b> Csy. 89–184                                      | Tex. Fla.                  | Metaclisa Jacq. Duv. 61–296                                                  |                |
| 12313. ovalis Csy. 89–185                                        | 1 ex. Fia.                 | (Amarantha Faust 75–249)<br>12330. marginalis Horn 70–369                    | Cal. So.Cal.   |
| Platydema Cast. & Brullé 31-356                                  | 0                          | 12000: margmans from 10 000                                                  | Cai. So. Cai.  |
| (Neomida Mots. 73-476)                                           |                            | Liodema Horn 70-385                                                          | NT 0 0 1       |
| (Histeropsis Chev. 78–221                                        | )                          | 12331. laeve (Hald.) 48–101                                                  | No. & C.Am.    |
| ( <i>Typhobia</i> Pasc. 69–279)<br>12314. excavatum (Say) 23–267 | No.&C.Am.                  | Alphitophagus Steph. 32-12                                                   |                |
| 12011. CACAVACUM (Day) 20 20.                                    | W.I. Conn.                 | (Phyletes Redt. 45–128)                                                      |                |
| fraternum Chev. 78–210                                           | [Ind. Fla.                 | (Phylethus Redt. 49–589)                                                     |                |
| tuberculatum Cast.&Brll.                                         |                            | 12332. bifasciatus (Say) 23–268                                              | †Eur.&N.Am.    |
| a. parvulum Csy. 84–50                                           | I.I.                       | mintur Man 20 202                                                            | Ind. So.Cal.   |
| 15. cyanescens Cast.&Brll. 31                                    | 300<br>Fla.                | pictus Men. 32–203<br>populi Redt. 49–589                                    | AtlPac.        |
| 16. erythrocerum Cast.& Brll.                                    |                            | 4-pustulatus Steph. 32–12                                                    |                |
| · ·                                                              | So.St. Fla.                | •                                                                            |                |
| 17. ruficolle Cast. &Brll. 31–3                                  | ~ .                        | Pentaphyllus Latr. 29–30                                                     | 0 1 1          |
| anninia II. Malah 40 Ci                                          | Ind.                       | 12333. pallidus Lec. 66–126                                                  | Can. Pa. Ind.  |
| sanguinicolle Melsh. 46–61<br>18. ruficorne Sturm 26–69          | Conn.Fla. Ind.             | 34. californicus Horn 70–387<br>— americanus Mots. 93–482                    |                |
| anale Hald. 48–101                                               | Committa. Ind.             | americanas moes. 50 102                                                      | ou.            |
| opaculum Csy. 84–51                                              | Pa.                        | Apsida Lacord. 59–309                                                        |                |
| ?pallens Cast. & Brll. 31–3                                      |                            | (Hapsida auct.)                                                              |                |
| rufiventre Cast. & Brll. 31                                      | –378                       | 12335. purpureo-micans Bates 73                                              |                |
| rufum Melsh. 46-61                                               |                            |                                                                              | Tex.           |
|                                                                  | ULOM                       | IINÆ                                                                         |                |
| Gnathocerus Thunb. 14-47                                         |                            | Gnathocerus Thunb.                                                           |                |
| (Cerandria Luc. 49–344)                                          |                            | rccurvatus Chitt. 95–80                                                      | Fla.           |
| (Uloma Steph. 32–10)                                             | 10 70                      | (Sicinus Champ. 86-146) 1                                                    |                |
| 12336. cornutus (Fab.) 98–51<br>cucullatus Montr. 60–294         | †Cosmop. Fla.<br>Alas. La. | 12337 <sup>1</sup> / <sub>2</sub> . guatemalensis Champ. 86-                 |                |
| cucunatus mionti, 00 234                                         | LEIGHT LIGH.               |                                                                              | Mex.           |

| Gnathocerus Thunb. 14–47                   | Gnathocerus The    |
|--------------------------------------------|--------------------|
| (Cerandria Luc. 49–344)                    | recurvatus         |
| (Uloma Steph. 32–10)                       | (Sicinus Ch        |
| 12336. cornutus (Fab.) 98–51 †Cosmop. Fla. | 12337½. guatemaler |
| cucullatus Montr. 60–294 Alas. La.         | 2                  |
| læviusculus (Steph.) 32–10 [So.Cal.        | dentiger C         |
| maxillaris (Beauv.) 05–125                 | 38. maxillosus     |
| ruber Thunb. 14–47                         |                    |
| (Echocerus Horn 70–366)                    |                    |
| 37. curvicornis Champ.92-533 Mex. Fla.     |                    |

Chitt. 95–79 (Fab.) 01–155

Mcx.
Pa.Ill.Fla.Tex.
†Cosmop. Fla.
Alas.O.So.Cal.
Mich. Wis.

<sup>†</sup> Introduced.

<sup>1</sup> Synonymy based on mss. notes on galley proof by Mr. Schwarz.

| <b>Cynæus</b> Lec. 66–233<br>12339. angustus (Lec.) 51–149                                                                                                                                                  | Ariz. Cal.<br>So.Cal.                                                                                                                                                                   | Aphanotus Lec.<br>12359. parallelus Csy. 90–483                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ariz. Mex.                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 40. depressus Horn 70–369                                                                                                                                                                                   | Ariz. Cal.<br>So.Cal.                                                                                                                                                                   | Alphitobius Steph. 32–11<br>(Cryptops Sol. 51–235)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | •                                                                                                            |
| Latheticus Waterh. 80–147<br>12341. oryze Waterh. 80–149                                                                                                                                                    | Cosmop.                                                                                                                                                                                 | (Heterophaga Redt. 45–12<br>12360. diaperinus (Panz.) 97–37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | †Conn.Ind.Pa.                                                                                                |
| $12341\frac{1}{2}$ . prosopis Chitt. 04–167                                                                                                                                                                 | Ariz.                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | O. Ariz. Fla.<br>Cosmop. Alas.                                                                               |
| Lyphia Muls. & Rey 59–166                                                                                                                                                                                   |                                                                                                                                                                                         | mauritanicus (Curt.) 31–3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                              |
| 12342. tetraphylla (Fairm.) 56–5                                                                                                                                                                            | 34<br>Cosmop.D.C.                                                                                                                                                                       | opatroides Brll. 38–70<br>61. piceus (Oliv.) 92–50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | †Cosmop. Fla.                                                                                                |
| ficicola Muls. & Rey 59–10                                                                                                                                                                                  | 66                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Conn. Alas.<br>So.Cal. Pa.La.                                                                                |
| rugosus <sup>1</sup> (Dury) 02–171                                                                                                                                                                          | Ohio                                                                                                                                                                                    | fagi (Curt.) 31–303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | [Ariz.                                                                                                       |
| Tribolium MacL. 25–47<br>12343. ferrugineum (Fab.)87–213                                                                                                                                                    | 2 tCosmon Fla                                                                                                                                                                           | ?oryzæ (Hbst.) 99–18<br>picipes Steph. 32–11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                              |
|                                                                                                                                                                                                             | Ind.                                                                                                                                                                                    | granivorus Muls. & God. (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 68–288                                                                                                       |
| bifoveolatum (Duft.) 12-                                                                                                                                                                                    | 304<br>Alas. So.Cal.                                                                                                                                                                    | striatulus Fairm. 69–231<br>ovatus Hbst.? (10619) 99-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -16                                                                                                          |
| castaneum(Hbst.)97-282                                                                                                                                                                                      | [Ariz.                                                                                                                                                                                  | Eutochia Lec. 62–238                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                              |
| navale (Hbst.) 92–138<br>rubens Cast. 40–220                                                                                                                                                                |                                                                                                                                                                                         | (Aniara    Lacord. 59–336                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | )                                                                                                            |
| testaceum (Fab.) 98–179                                                                                                                                                                                     | †Eur. Can.                                                                                                                                                                              | (Aniarus G. & H. 70–1964<br>(Cenoscelis Woll. 67–179)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1)                                                                                                           |
| 44. madens (Charp.) 25–218                                                                                                                                                                                  | N.Mex. Pa.                                                                                                                                                                              | (Delopygus Lec. 66–129)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                              |
| 45. confusum Jacq. Duv. 68-                                                                                                                                                                                 | Mich.<br>-181                                                                                                                                                                           | ( Holaniara Fairm. 71–43)<br>12362. picea (Melsh.) 46–64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | E.U.S.                                                                                                       |
|                                                                                                                                                                                                             | †Eur.& Ariz.                                                                                                                                                                            | 63. crenata Lec. 66–130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tex.                                                                                                         |
| ferrugineum ‡ Muls. 54-2                                                                                                                                                                                    | Pa.Kan.                                                                                                                                                                                 | Merotemnus Horn 70–367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |
|                                                                                                                                                                                                             | So.Cal.D.C.<br>Ind.                                                                                                                                                                     | 12364. filiformis (Cast.) 40–221<br>elongatus Horn 70–367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cal.<br>So.Cal.                                                                                              |
| D' J                                                                                                                                                                                                        | mu.                                                                                                                                                                                     | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                              |
|                                                                                                                                                                                                             |                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                              |
| <b>Diœdus</b> Lec. 66–238<br>12346. punctatus Lec. 66–131                                                                                                                                                   | Conn.Ind.Fla.                                                                                                                                                                           | Sitophagus Muls. 54–264 (Adelina Woll. 58–413)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10C Am. Torr                                                                                                 |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Conn.Ind.Fla.                                                                                                                                                                           | (Adelina Woll. 58–413)<br>12365. hololeptoides(Cast.)40–22<br>castaneus Reitt. 77–9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | OC.Am. Tex.<br>Eur.                                                                                          |
| 12346. punctatus Lec. 66–131                                                                                                                                                                                | Conn.Ind.Fla. Or.                                                                                                                                                                       | (Adelina Woll. 58–413)<br>12365. hololeptoides(Cast.)40–22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                              |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.                                                                                                                                                                                     | (Adelina Woll. 58–413)<br>12365. hololeptoides(Cast.)40–22<br>castaneus Reitt. 77–9<br>farinarius Woll. 58–414                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                              |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.<br>7)                                                                                                                                                                               | (Adelina Woll. 58–413) 12365. hololeptoides(Cast.)40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Eur.                                                                                                         |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7) 6) †Cosmop. Pa.                                                                                                                                                                 | (Adelina Woll. 58-413) 12365. hololeptoides(Cast.)40-22 castaneus Reitt. 77-9 farinarius Woll. 58-414 solieri Muls. 54-265  Doliema Pasc. 60-50 (Adelina    Lec. 51-149) (Sitophagus ‡ Horn 70-34)                                                                                                                                                                                                                                                                                                                                                                                                                         | Eur.                                                                                                         |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228 (Clamoris Gozis 86–25) 12347. americana Horn 74–35  Palorus Muls. 54–250 (Cænocorse Thoms. 59–11 (Circomus Fleisch. 00–236) 12348. depressus (Fab.) 90–0 | Or.  7) 6) †Cosmop. Pa. Conn. D.C.                                                                                                                                                      | (Adelina Woll. 58–413) 12365. hololeptoides(Cast.)40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Eur.<br>6)<br>No.C.& So.                                                                                     |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228 (Clamoris Gozis 86–25) 12347. americana Horn 74–35  Palorus Muls. 54–250 (Cænocorse Thoms. 59–11 (Circomus Fleisch. 00–236)                              | Or.  7) 6) †Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich.                                                                                                                             | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34) (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271 cucujiformis (Reit.) 76–43                                                                                                                                                                                                                                                                                                                                      | Eur. 6) No.C.& So. Am. Ind. Fla.                                                                             |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7) 6) †Cosmop. Pa. Conn. D.C. [Kan. Eur.                                                                                                                                           | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34) (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271                                                                                                                                                                                                                                                                                                                                                                 | Eur.  6)  No.C.& So.  Am. Ind. Fla.  No.C.& So.                                                              |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7) 5) †Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich. D.C. Fla. Ind.                                                                                                              | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34 (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119                                                                                                                                                                                                                                                                                        | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal.                                             |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7) 5) †Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich. D.C. Fla. Ind.                                                                                                              | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34) (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94                                                                                                                                                                                                                                                                                                              | Eur.  No.C.& So. Am. Ind. Fla.  No.C.& So. Am. Ind. Fla.                                                     |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7)  7)  7)  7(Cosmop. Pa.  Conn. D.C.  [Kan. Eur.  †Eur. & Mich.  D.C. Fla. Ind.  Ariz.  Cal.                                                                                      | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34 (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119 lecontei (Horn) 70–346                                                                                                                                                                                                                                                                 | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal.                                             |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7) 5) †Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich. D.C. Fla. Ind.                                                                                                              | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34 (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119 lecontei (Horn) 70–346 scidarius (Reit.) 76–44 68. bidens Schffr. 15–238  Doliopines Horn 94–427                                                                                                                                                                                       | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal. Ariz. Fla.                                  |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7)  7)  7)  7(Cosmop. Pa.  Conn. D.C.  [Kan. Eur.  †Eur. & Mich.  D.C. Fla. Ind.  Ariz.  Cal.  So. St. Fla.                                                                        | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34( (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119 lecontei (Horn) 70–346 scidarius (Reit.) 76–44 68. bidens Schffr. 15–238                                                                                                                                                                                                              | Eur.  No.C.& So. Am. Ind. Fla.  No.C.& So. Am. Ind. Fla.  [So.Cal. Ariz.                                     |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7) 3) †Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich. D.C. Fla. Ind.  Ariz. Cal.  So. St. Fla.  E.U.S. Ind. Conn.                                                                 | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34( (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119 lecontei (Horn) 70–346 scidarius (Reit.) 76–44 68. bidens Schffr. 15–238  Doliopines Horn 94–427 12369. cucujinus Horn 94–428  Ulosonia Cast. 40–220                                                                                                                                  | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal. Ariz. Fla. L.Cal.                           |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7) 3) †Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich. D.C. Fla. Ind.  Ariz. Cal.  So. St. Fla.  E.U.S. Ind.                                                                       | (Adelina Woll. 58-413) 12365. hololeptoides (Cast.) 40-22 castaneus Reitt. 77-9 farinarius Woll. 58-414 solieri Muls. 54-265  Doliema Pasc. 60-50 (Adelina    Lec. 51-149) (Sitophagus ‡ Horn 70-34 (Schedarosus Reit. 76-42) 12366. pallida (Say) 23-271  cucujiformis (Reit.) 76-43 67. plana (Fab.) 01-94  depressa (Er.) 47-119 lecontei (Horn) 70-346 scidarius (Reit.) 76-44 68. bidens Schffr. 15-238  Doliopines Horn 94-427 12369. cucujinus Horn 94-428                                                                                                                                                          | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal. Ariz. Fla.                                  |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7)  7)  7)  7)  7(Cosmop. Pa.  Conn. D.C.  [Kan. Eur.  †Eur. & Mich.  D.C. Fla. Ind.  Ariz.  Cal.  So. St. Fla.  E.U.S. Ind.  Conn.  E.U.S. Ind.  Fla.  Kan.Tex.Fla.               | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34( (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119 lecontei (Horn) 70–346 scidarius (Reit.) 76–44 68. bidens Schffr. 15–238  Doliopines Horn 94–427 12369. cucujinus Horn 94–428  Ulosonia Cast. 40–220 12370. marginata Lec. 51–149 71. tricornis Cast. 40–220                                                                          | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal. Ariz. Fla. L.Cal.  Cal.So.Cal.              |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7)  7)  7)  7(Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich. D.C. Fla. Ind.  Ariz. Cal.  So. St. Fla.  E.U.S. Ind. Conn. E.U.S. Ind. Fla. Kan.Tex.Fla. Cal. So.Cal. Tex. Fla. La. | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34 (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119 lecontei (Horn) 70–346 scidarius (Reit.) 76–44 68. bidens Schffr. 15–238  Doliopines Horn 94–427 12369. cucujinus Horn 94–428  Ulosonia Cast. 40–220 12370. marginata Lec. 51–149 71. tricornis Cast. 40–220  Hypophlœus Fab. 90–24 (Corticcus ‡ Cr. 70–46)                            | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal. Ariz. Fla.  L.Cal.  Cal.So.Cal. Tex. [Ariz. |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7)  7)  7)  7(Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich. D.C. Fla. Ind.  Ariz. Cal.  So. St. Fla.  E.U.S. Ind. Conn. E.U.S. Ind. Fla. Kan.Tex.Fla. Cal. So.Cal.               | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34( (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119 lecontei (Horn) 70–346 scidarius (Reit.) 76–44 68. bidens Schffr. 15–238  Doliopines Horn 94–427 12369. cucujinus Horn 94–428  Ulosonia Cast. 40–220 12370. marginata Lec. 51–149 71. tricornis Cast. 40–220  Hypophlœus Fab. 90–24 (Corticcus ‡ Cr. 70–46) (Paraphloeus Seidl. 94–55 | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal. Ariz. Fla.  L.Cal.  Cal.So.Cal. Tex. [Ariz. |
| 12346. punctatus Lec. 66–131  Phthora Muls. 54–228                                                                                                                                                          | Or.  7)  7)  7)  7(Cosmop. Pa. Conn. D.C. [Kan. Eur. †Eur. & Mich. D.C. Fla. Ind.  Ariz. Cal.  So. St. Fla.  E.U.S. Ind. Conn. E.U.S. Ind. Fla. Kan.Tex.Fla. Cal. So.Cal. Tex. Fla. La. | (Adelina Woll. 58–413) 12365. hololeptoides (Cast.) 40–22 castaneus Reitt. 77–9 farinarius Woll. 58–414 solieri Muls. 54–265  Doliema Pasc. 60–50 (Adelina    Lec. 51–149) (Sitophagus ‡ Horn 70–34 (Schedarosus Reit. 76–42) 12366. pallida (Say) 23–271  cucujiformis (Reit.) 76–43 67. plana (Fab.) 01–94  depressa (Er.) 47–119 lecontei (Horn) 70–346 scidarius (Reit.) 76–44 68. bidens Schffr. 15–238  Doliopines Horn 94–427 12369. cucujinus Horn 94–428  Ulosonia Cast. 40–220 12370. marginata Lec. 51–149 71. tricornis Cast. 40–220  Hypophlœus Fab. 90–24 (Corticcus ‡ Cr. 70–46)                            | Eur.  No.C.& So. Am. Ind. Fla. No.C.& So. Am. Ind. Fla. [So.Cal. Ariz. Fla.  L.Cal.  Cal.So.Cal. Tex. [Ariz. |

<sup>&</sup>lt;sup>1</sup> Synonymy based on mss. notes on galley proof by Mr. Schwarz. † Introduced.

| Hypophlœus Fab. 12375. glaber Lec. 78–422 76. tenuis Lec. 78–424 77. thoracicus Melsh. 46–63                                                | Fla.<br>Mass.<br>CanGa.Fla.<br>Ind.       | Hypophlœus Fab. 12378. piliger Lec. 78–422 79. opaculus Lec. 78–423 — ?mexicanus Reit. 77–191                                                                     | Fla.<br>So.Cal.<br>Fla.                          |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
|                                                                                                                                             | TENEBR                                    | IONINÆ                                                                                                                                                            |                                                  |
|                                                                                                                                             | Gebien                                    | 10, 11                                                                                                                                                            |                                                  |
| Polypleurus Esch. 31–11<br>12380. geminatus Sol. 38–196<br>81. perforatus (Germ.) 24–14<br>punctatus Sol. 38–197<br>82. nitidus Lec. 66–118 | Atl. St. Fla.?<br>8 Atl. St. Fla.<br>Fla. | Cœlocnemis Mann. 12401. magna Lec. 51–150 02. punctata Lec. 55–255 03. sulcata Csy. 95–615                                                                        | Cal. Ariz.<br>Utah, Ariz.<br>Utah                |
| Rhinandrus Lec. 66–119<br>(Exerestus Bates 70–268)<br>(Proderops Fairm. 73–393)<br>12383. gracilis Lec. 66–120<br>84. sublævis Horn 85–160  | t)<br>L.Cal.<br>Ariz.                     | Iphthimus Truqui 57–92<br>12404. serratus (Mann.) 43–284<br>servator Walk. 66–327<br>servilis Walk. 66–326<br>subligatus Walk. 66–327<br>a. sublævis Bland 65–382 | Cal.<br>Vanc.<br>Vanc.<br>Vanc.<br>Colo. So.Cal. |
| Zophobas Blanch. 45–15<br>12385. morio (Fab.) 76–241<br>concolor Woll. 70–33<br>elongatus (Beauv.) 05–16<br>nigritus (Oliv.) 95–57          | C.& So.Am.<br>[Fla.                       | b. lewisi Horn 70–335<br>c. lævissimus Csy. 90–408<br>05. opacus Lec. 66–121<br>06. zopheroides Horn 74–34                                                        | Ariz.<br>N.Mex.<br>Cal.<br>Can. Conn.<br>N.Mex.  |
| Scotobates Horn 75–151<br>12386. calcaratus (Fab.) 98–52<br>?aeneus (DeG.) 75–53<br>carolinensis (Beauv.) 05–<br>cribratus (Chev.) 52–637   | E.U.S.<br>[Conn. Ind.                     | Alobates Mots. 72–25<br>(Nyctobates ‡Horn 70–331<br>nec Guér. 34–33)<br>12407. pennsylvanica(DeG.)75–5                                                            | 2U.S. & No.<br>Mex.Fla.Conn,<br>Ind.             |
| reflexus (Say) 25–203<br>87. opacus (Lec.) 59–15                                                                                            | Kan.                                      | chrysops (Hbst.) 97–236<br>inermis (Mann.) 43–284<br>sublævis (Beauv.) 05–163                                                                                     |                                                  |
| Centronopus Sol. 48–154<br>(Scotobaenus Lec. 59–87)<br>12388. parallelus (Lec.) 59–88                                                       | Cal.                                      | 08. barbata (Knoch) 01–166<br>?glabra (Hbst.) 99–32<br>intermedia (Hald.) 52–370                                                                                  | So.St.Fla.Ind.                                   |
| Merinus Lec. 66–230<br>12389. lævis (Oliv.) 95–57                                                                                           | E.U.S. Ind.                               | pennsylvanica ‡ (Kby.) 3<br>09. subnitens (Horn) 74–35                                                                                                            |                                                  |
| <b>Xylopinus</b> Lec. 66–230<br>( <i>Tænobates</i> Mots. 72–25)<br>12390. saperdioides (Oliv.) 95–57                                        | TRUS FIG                                  | Glyptotus Lec. 58-75<br>12410. cribratus Lec. 58-75<br>?variolosus (Beauv.) 05-1                                                                                  | Tex. Fla.<br>64                                  |
| anthracinus (Knoch) 01–3<br>calcaratus (Beauv.) 05–3<br>spinipes (Fab.) 98–53                                                               |                                           | <b>Upis</b> Fab. 92–515<br>12411. ceramboides (L.) 58–388                                                                                                         | No.Eur. Asia<br>Am. Nfld.                        |
| a. rufipes (Say) 25–203<br>91. aenescens Lec. 66–120                                                                                        | Fla.<br>E.U.S. Conn.<br>[Ind.             | reticulata Say 24–279<br>variolosa (DeG.) 75–32                                                                                                                   | H.B.T.<br>N.S.Pa.Me.Vt.<br>N.H. N.Y.             |
| Haplandrus Lec. 66–230<br>12392. fulvipes (Hbst.) 97–238<br>femoratus (Fab.) 98–53                                                          | E.U.S. Conn. [Ind.                        | Idiobates Csy. 90–62                                                                                                                                              | Mich. Wis.<br>Man. Mont.                         |
| 93. ater Lec. 66–127<br>94. concolor Lec. 66–121                                                                                            | So.St.Fla.<br>Can.                        | 12412. castaneus (Knoch) 01-177<br>interstitialis (Say) 23-266                                                                                                    |                                                  |
| Cibdelis Mann. 43–284<br>12395. blaschkei Mann. 43–284<br>96. gibbosa Mots. 45–365<br>laevigata Csy. 91–60                                  | Cal. So.Cal.                              | Tenebrio L. 58-417<br>(Menedrio Mots. 72-27)<br>(Neatus Lec. 62-233)<br>(Tenebrionellus Cr. 73-108)                                                               |                                                  |
| 97. bachei Lec. 61–353  Cœlocnemis Mann. 43–280                                                                                             | Cal. So.Cal.                              | 12413. obscurus Fab. 92–111                                                                                                                                       | †Cosmop. Ct.<br>Atl. to Ind.<br>So.Cal.          |
| 12398. dilaticollis Mann. 43–282<br>californica Mann. 43–282                                                                                | Cal. So.Cal.                              | 14. molitor L. 58–417                                                                                                                                             | †Cosmop.<br>AlasMex.                             |
| 99. rugosa Linell 01–181<br>12400. obe <b>s</b> a Lec. 51–150                                                                               | So.Cal.<br>Cal. So.Cal.                   | 15. picipes Hbst. 97–245<br>badius Say 23–265                                                                                                                     | Cosmop. Ind.                                     |

| Tenebrio L.  laticollis Steph. 32-8 loripes Sturm 07-223 tenebroides Beauv. 05-121 transversalis Duft. 12-300 ventralis Mars. 76-123                  | [Fla.<br>N.Am.<br>N.Am.                         | 12419. 20. Eupso 12421. Biomo 12422. Boros 12423. Bius M | hus Horn pallidus Horn 70–346 puberulus Fall 07–175  phulus Ckll. 06–242 (Eupsophus    Horn 70–347 castaneus Horn 70–347  orphus Mots. 72–38 tuberculatus Mots. 72–40  Hbst. 97–318 unicolor Say 27–238  Muls. 54–266 estriatus Lec. 51–149 | Cal. So.Cal.<br>[Ariz                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                       | HETEROTA                                        | RSINA                                                    | E                                                                                                                                                                                                                                           |                                                                                                                                                              |
| /                                                                                                                                                     | E.U.S.Fla. Ariz. [Ind. Tex. Tex. Tex. N.Y. Fla. | 12432.<br>33.                                            | enetus Spin. 44–116<br>(Storthephora Mäkl. 75–63;<br>punctatus Spin. 44–118<br>?punctatus Mots. 68–192<br>fuscus Lec. 50–223<br>crinitus Fall 07–253<br>cribratus Mots. 68–193<br>gibbipennis Mots. 68–193                                  | 5)<br>No.&C.Am.<br>[Fla<br>L.Sup. Ind.<br>N.Mex.<br>Ga.<br>Ga. Ind.                                                                                          |
|                                                                                                                                                       | APOCRY                                          | PHINA                                                    | 2                                                                                                                                                                                                                                           |                                                                                                                                                              |
| Apocrypha Esch. 31–13<br>(Compsomorphus Sol. 51–20<br>12435. anthicoides Esch. 31–13                                                                  | 08)<br>Cal. So.Cal.                             | 12436.                                                   | ypha Esch.<br>dyschirioides Lec. 51–137<br>clivinoides Horn 70–391                                                                                                                                                                          | Cal. So.Cal.<br>Cal. So.Cal.                                                                                                                                 |
|                                                                                                                                                       | ADELI                                           | INÆ                                                      |                                                                                                                                                                                                                                             |                                                                                                                                                              |
| $(A_1)$                                                                                                                                               | mphidorinæ Lec.)                                | (Lan                                                     | inæ Seidl.)                                                                                                                                                                                                                                 |                                                                                                                                                              |
| 40. rotundicollis Horn 70–328                                                                                                                         | Cal. So.Cal.<br>So.Cal.<br>L.Cal.               | 12442.<br>43.<br>44.                                     | idora Esch.<br>nigropilosa Lec. 51–136<br>tenebrosa Horn 70–329<br>caudata Horn 70–330                                                                                                                                                      | Cal. So.Cal.<br>L.Cal.<br>Ariz.                                                                                                                              |
| Amphidora Esch. 29–9<br>12441. littoralis Esch. 31–13                                                                                                 | Cal. So.Cal.                                    |                                                          | t <b>richus</b> Lec. 62–239<br>rufipes Lec. 51–136                                                                                                                                                                                          | Cal. So.Cal.                                                                                                                                                 |
|                                                                                                                                                       | TIET OR                                         | TAT TO                                                   |                                                                                                                                                                                                                                             |                                                                                                                                                              |
| m 1 D ( m0 0m0                                                                                                                                        | HELOP                                           |                                                          | TA 1                                                                                                                                                                                                                                        |                                                                                                                                                              |
| 47. undulata (Lec.) 66-132 ?americana (Beauv.) 05-12 48. venusta (Say) 24-283  Nautes Pasc. 66-475 12449. viridimicans Horn 78-57  Helops Fab. 75-257 | Va. Ga. Mo.                                     | 58.<br>59.<br>60.<br>61.<br>62.<br>63.<br>64.<br>65.     | edwardsi Horn 70–395<br>pernitens Lec. 61–353                                                                                                                                                                                               | Or. So.Cal. Or. Or. Cal. So.Cal. Cal. So.Cal. Cal. So.Cal. N.Mex. Cal. So.Cal. |
| 51. opacus Lec. 59–284                                                                                                                                | Tex. Fla.?<br>Cal. Nev. Ut.<br>So.CalWash.      | a.                                                       | convexulus Lec. 61–353<br>montanus Lec. 80–518<br>acreus Germ. 24–160<br>aratus Say 27–241                                                                                                                                                  | Colo. Neb.<br>Colo. [Mont<br>E.U.S. Incl.                                                                                                                    |

a. montanus Lec. 81–333 a. montanus Lec. 80–518 69. acreus Germ. 24–160 aratus Say 27–241 pullus Say 27–240 70. sulcipennis Lec. 66–133 71. perforatus Horn 80–153 72. arizonensis Horn 74–36 \* The number 12429 omitted.

Cal. So.Cal. N.J. Colo. [Mont. E.U.S. Ind.

Ga. Tex.

Ariz.

[Conn.

51. opacus Lec. 59–284
52. punctipennis Lec. 66–133 punctatus Gemm. 70–123
53. rugulosus Lec. 51–151
54. angustus Lec. 59–77
55. gracilis Bland 63–319
56. californicus Mann. 43–287

56. californicus Mann. 43-287 So. Cal.-Wash.

Lagriidæ 237

|                                                                                                                                                                                                                                                                | DAGIL                                                                        | 111/212                                      |                                                                                                                                                                      | 201                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Helops Fab. 12473. difficilis Horn 78–57 74. cylindriformis Csy. 91–68 75. discretus Lcc. 66–134 76. cisteloides Germ. 24–159 77. spretus Horn 80–153 78. farctus Lec. 58–74 79. tumescens Lec. 66–134 80. pinguis Horn 94–430 81. stenotrichoides Blais. 95–2 | Colo. N.Mex. Tex. So.St.Fla.La. Nev. [Mo.Ark. Tcx. Cal. Ariz. L.Cal. 38 Cal. | Rues (                                       | * . A 11 mm om                                                                                                                                                       | Cal. N.Am. N.Am. S.C. Cal. So.Cal.                              |
|                                                                                                                                                                                                                                                                | TALAN                                                                        | INÆ                                          |                                                                                                                                                                      |                                                                 |
| <b>Talanus</b> Mäkl. 78–96<br>( <i>Dignamptus</i> Lec. 78–421)<br>12483. langurinus Lec. 78–421<br>stenochinus Lec. 78–421                                                                                                                                     | Fla.<br>Fla.                                                                 |                                              | us Mäkl.<br>okecchobensis Blatch. 14–1                                                                                                                               | 143<br>Fla.                                                     |
|                                                                                                                                                                                                                                                                | MERACAN                                                                      | THIN.                                        | Æ.                                                                                                                                                                   |                                                                 |
| Meracantha Kby. 37–237<br>(Falacer Cast. 40–233)<br>12485. contracta (Beauv.) 05–121<br>canadensis Kby. 37–238<br>cuprea Cast. 40–233                                                                                                                          |                                                                              |                                              | antha Kby.<br>inflata Sol. 48–167<br>tumida Melsh. 46–61<br>?rugosa Cast. 40–233                                                                                     | N.Am.                                                           |
|                                                                                                                                                                                                                                                                | AMARYG                                                                       | MINÆ                                         |                                                                                                                                                                      |                                                                 |
| Pyanisia Cast. 40–235<br>(Cymathotes Blanch. 45–33<br>(Cymatothes Sol. 48–151)<br>12486. opaca Sol. 48–180<br>coarctata Sol. 48–180                                                                                                                            |                                                                              | Pyanis                                       | sia Cast.<br>tristis Cast. 40–236<br>unicolor Sol. 48–180                                                                                                            | C.Am. Cuba<br>Tex.                                              |
|                                                                                                                                                                                                                                                                | STRONG                                                                       | YLIIN <i>A</i>                               | E                                                                                                                                                                    |                                                                 |
| Strongylium Kby. 18-417 (Anomæarthrum Mäkl. 64- (Dolichopterum Murray 62 (Eustrongylium Kolbe 94- (Stenochia Kby. 18-423) (Zurccheria Rcit. 08-134) 12488. tenuiolle Say 27-241 89. terminatum Say 23-267                                                      | -374)<br>2-4)                                                                | Strong<br>12490.<br>91.<br>92.<br>93.<br>94. | gylium Kby. anthrax Sz. 78–369 simplicicolle Lec. 78–424 crenatum Mäkl. 64–199 atrum Champ. 87–360 varians Champ. 88–365 aulicum Mäkl. 64–255                        | Fla.<br>Fla.<br>"N.Am." Fla.<br>Mex. Ariz.<br>Tex.<br>Tex. Mex. |
|                                                                                                                                                                                                                                                                |                                                                              |                                              |                                                                                                                                                                      |                                                                 |
|                                                                                                                                                                                                                                                                | LAGR                                                                         | IIDÆ                                         |                                                                                                                                                                      |                                                                 |
|                                                                                                                                                                                                                                                                | Borchmann 10;                                                                | •                                            | 1à 17                                                                                                                                                                |                                                                 |
|                                                                                                                                                                                                                                                                | LAGR                                                                         | _                                            | 11, 11                                                                                                                                                               |                                                                 |
| Arthromacra Kby. 37-239<br>12496. robinsoni Leng 14-285<br>97. ænea (Say) 24-287<br>?donacioides Kby. 37-239<br>a. glabricollis Blatch.10-1288                                                                                                                 | Va.<br>CanMinn<br>Can.[Mo.Ind.                                               | Arthrob. 12498.                              | omacra Kby. rugosecollis Leng 14–287 appalachiana Leng 17–18 pilosella Leng 17–18                                                                                    | Ga.<br>Va. N.C.<br>Tenn. Ky.                                    |
|                                                                                                                                                                                                                                                                | Stati                                                                        | RINI                                         |                                                                                                                                                                      |                                                                 |
|                                                                                                                                                                                                                                                                | Schaef                                                                       |                                              |                                                                                                                                                                      |                                                                 |
| Statira Serv. 25–479 12500. basalis Horn 88–31 01. croceicollis Mäkl. 63–594 02. gagatina Melsh. 46–311 03. opacicollis Horn 88–30 04. resplendens Melsh. 46–311 05. robusta Schffr. 05–180 06. subnitida Lec. 66–141                                          | So.U.S. Fla. So.U.S. Fla. No.U.S. Fla. Ariz. [Ind. 1 Pa. Ind. Tex. L.Cal.    | 12507.<br>08.<br>09.<br>10.<br>11.           | a Serv.<br>colorata Fall 09–165<br>pluripunctata Horn 88–29<br>simulans Schffr. 05–180<br>huachuæ Schffr. 05–176<br>defecta Schffr. 05–175<br>pulchella Mäkl. 63–589 | L.Cal. Ariz. Tex. Ariz. Ariz. Mex. Tex.                         |
|                                                                                                                                                                                                                                                                |                                                                              |                                              |                                                                                                                                                                      |                                                                 |

#### MONOMMIDÆ

| Thomson 60                                                                                          |                                                |                                                                                           |                                           |  |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|--|
| Hyporhagus Thom. 60–25<br>12513. punctulatus Thom. 60–32<br>14. opaculus Lec. 66–142                | N.Am. Fla.<br>L.Cal.                           | Hyporhagus Thom. — lecontei Thom. 60-31                                                   | Cal.?                                     |  |
| 15. opuntie Horn 72–149<br>16. gilensis Horn 72–149<br>17. texanus Linell 99–184                    | Ariz.<br>Ariz. So.Cal.<br>Tex.                 | Aspathines Champ. 88–475<br>12518. ovatus Champ. 88–476                                   | So. Fla.                                  |  |
|                                                                                                     |                                                |                                                                                           |                                           |  |
|                                                                                                     | MELAND                                         | RYIDÆ 1                                                                                   |                                           |  |
| L                                                                                                   | econte 62; Horn                                | 88; Blatchley 10                                                                          |                                           |  |
|                                                                                                     | Tetra                                          | TOMINI                                                                                    |                                           |  |
|                                                                                                     | Casey                                          | 00–166                                                                                    |                                           |  |
| <b>Tetratoma</b> Fab. 90–19<br>12519. truncorum Lec. 66–145<br>20. concolor Lec. 79–518             | No.Atl.Rgn.<br>Colo. [Ind.                     | <b>Eupisenus</b> Casey 00–170 12524. elongatus (Lec.) 75–171                              | Alas.&so'thw'd                            |  |
| Abstrulia Casey 00–168                                                                              |                                                | Pisenus Casey 00–171                                                                      |                                           |  |
| 12521. tessellata (Melsh.) 44–144<br>a. maculata Casey 00–169<br>22. variegata Casey 00–169         | N.Y. Ind. Va.<br>Ind.<br>Penn.                 | (Triphyllus ‡ auct. nec La<br>12525. humeralis (Kby.) 37–112<br>a. concolor (Kby.) 37–112 | Pa. No.Ill.Ind.<br>H.B.T.Lat.54°          |  |
| Incolia Casey 00–169<br>12523. longipennis Casey 00–169                                             |                                                | ruficornis (Lec.) 63–72<br>26. pubescens Casey 00–172                                     | Va.                                       |  |
|                                                                                                     | Pen                                            | THINI                                                                                     |                                           |  |
| Penthe Newn. 38–373                                                                                 | <b>2</b> 200                                   | Penthe Newn.                                                                              |                                           |  |
| 12527. obliquata (Fab.) 01-162                                                                      | Bor.Am.Conn.<br>Ind. Ga.                       | 12528. pimelia (Fab.) 01–40                                                               | Bor.Am.Conn.<br>Ind. Fla. Tex.            |  |
| Synchroini                                                                                          |                                                | Mallodryini                                                                               |                                           |  |
| Synchroa Newn. 38–378<br>12529. punctata Newn. 38–378<br>umbrina Melsh. 46–55<br>murina Hald. 48–99 | N.Y. Conn.<br>[Fla.Ind.                        | Mallodrya Horn 88-42<br>12530. subaenea Horn 88-42                                        | Ohio                                      |  |
|                                                                                                     | Orch                                           | ESIINI                                                                                    |                                           |  |
|                                                                                                     | Hori                                           | n 88                                                                                      |                                           |  |
| <b>Eustrophinus</b> Seidl. 98–440<br>12531. bicolor (Fab.) 98–497                                   | Can. to Fla. Pac.CoastInd.                     | Holostrophus Horn<br>12538. impressicollis (Lec.) 74-69<br>39. discolor Horn 88-37        | 9 Nev. Wash.<br>Va. [Vanc.                |  |
| indistinctus (Lec.) 51–151<br>32. brunneimarginatus (Dury)                                          | Col. [Ariz.                                    | Hallomenus Panz. 94–17<br>12540. scapularis Melsh. 46–57                                  | Ga. N.Mex.                                |  |
| 33. arizonensis Horn 88–34<br>34. confinis Lec. 66–152                                              | Ariz. N.Mex.<br>Can.Wis.Neb.                   | ruficornis (Melsh.) 46–59<br>luridus Hald. 48–99<br>41. punctulatus Lec. 66–152           | [Ind.<br>Que. Ont.                        |  |
| <b>Eustrophus</b> Ill. 07–335<br>12535. tomentosus Say 27–239                                       | Id. Fla. N.Eng. N.J.                           | basalis Mann. 53–267 42. serricornis Lec. 78–619 43. debilis Lec. 66–152                  | Alas. B.C.<br>Mich.<br>Ind.               |  |
| niger Melsh. 46–58                                                                                  | Mich. Wis.<br>[Dak.Ia.Ind.                     | niger Hald. 48–99<br>44. binotatus Quens. 90–14                                           | Upper Miss.<br>Montreal,Eur.              |  |
| Synstrophus Seidl. 98–442<br>12536. repandus (Horn) 88–37                                           | Can. N.H. Va.<br>Ohio, Id. Pac.<br>Coast, Ind. | Orchesia Latr. 07–194<br>12545. ornata Horn 88–38<br>46. castanea Melsh. 46–51            | Wash. Ore.<br>Fla Mass. to<br>Mich. & Va. |  |

<sup>&</sup>lt;sup>1</sup> Prepared by Mr. Lewis B. Woodruff.

47. gracilis Melsh. 46-51

Can. N.H. Va. Ohio, Id. Pac. Coast, Ind.

Mass. to Va.& [Tenn. Ind.

Holostrophus Horn 88–36 12537. bifasciatus (Say) 24–282 4-maculatus Melsh. 46–58

Wash. Ore. Fla Mass. to Mich. & Va. Nfld. Ind. Me. N.J.Pa. to La. Ind.

Ariz.

N.Y. Fla. Ind.

Ind.

Microscapha Lec. 66-152 Lederia Reit. 79-478 (Crioscapha Horn 93-144) 12548. clavicornis Lec. 66-153 Ga. Ill. 12549. arctica (Horn) 93-144 Alas.Queen Charl. Is. MELANDRYINI Leconte 66 Prothalpia Lec. 62-252 Scotochroa Lec. (Marolia ‡ auct. nec Muls.) 12566. basalis Lec. 74–275 Colo.Mich. Or. Nfld. 12550. undata Lec. 62–252 51. holmbergi (Mann.) 52-347 Sitka, Alas. Enchodes Lec. 66-148 Or. [Wash. Or. fulminans (Lec.) 59–284 12567. sericea (Hald.) 48-98 Me.N.Y. Pa. Ind. Melandrya Fab. 01-163 Serropalpus Hellen. 86-311 12552. striata Say 24-286 E.U.S. Conn. Holarctic, 12568. barbatus (Schall.) 83-322 thoracica Melsh. 46-55 [Ind. Nfld. bicolor Melsh. 46–55 Me.L.Sup. substriatus Hald. 48-98 umbrina Melsh. 46–55 Alas. excavata Hald. 48-97 Or.L.Sup. Colo.W.Va. obsoletus Hald, 48-98 Emmesa Newn. 38-376 ?striatus Hellen. 86-318 Eur. 12553. labiata (Say) 24-287 N.Y. Conn. Ind. Mystaxus Kugelann 92-493 54. connectens Newn. 38-376 N.Y. Nfld. 12569. simulator Newn. 38-376 Can.Ohio, maculata Lec. 50-232 trifasciatus (Melsh.) 46-56 N.Y. Phryganophilus Sahl. 34-454n. Dircæa Fab. 98-6 Or. Wash. 12555. collaris Lec. 59–88 12570. quadrimaculata (Say) 24-283 ?depressus (Fab. 92-112) Bor.Am. Can.-Va.Mo.Ind. Amblyctis Lec. 79–3 liturata (Lec.) 59-66 "Near Buffalo" 12556. praeses Lec. 79-4 tibialis Say 24–282 N. Y. Xylita Payk. 98–249 Phloeotrya Steph. 32-35 12557. laevigata (Hellw.) 86-318 Holarctic, Me. 12571. vaudoueri Muls. 56-79 Nov.Scot. to to L. Sup. O. Cal.&N.Car. buprestoides Payk. 98-249 Eur. Sib. fusca (Lec.) 78-619 Eur. discolor (Fabr.) 98-121 decolorata (Rand.) 38-22 Mts. of Me. Hypulus Payk. 98–251 12572. prona (Lec.) 78-426 Fla. Zilora Muls. 56–84 73. concolor (Lec.) 66–149 Ohio, Pa.Conn. N.H. 12558. hispida Lec. 66-148 74. riversii (Lec.) 84–29 Cal. 59. nuda Prov. 77–321 Que. 60. canadensis Hausen 90-91 Montreal, Abdera Steph. 32–37 N.Y. 12575. bicinctus (Horn) 88-40 Cal. Rushia Forel 93-153 (Carebara | Lec. 62-251) Microtonus Lec. 62–258 12561. longula (Lec.) 62–251 M.States, Fla. 12576. sericans Lec. 62-259 N.Y. to Ga. 62. brevicollis (Fall) 07-253 N.Mex. Ind. 63. californica (Fall) 07-254 Cal. [(Ariz.?) Symphora Lec. 66-150 californica(Schffr.)17–357 Cal. 12577. flavicollis(Hald.)48-100 Me.Conn. Ind. Spilotus Lec. 62-251Me.N.Y.Md. 78. rugosa (Hald.) 48–100 12564. quadripustulatus (Melsh.) 46-57 Fla. Ind. N.Y. Ind. Scotochroa Lec. 74-275 Anisoxya Muls. 56–45 12565. atra Lec. 74–274 White Mts. 12579. glaucula Lec. 66–150 Ont.N.Y.Pa. buprestoides(Kby.)37-240 Can. (Ariz.?) SCRAPTIINI Leconte 62 Scraptia Latr. 07-199 Allopoda Lec. 66-144 N.Y.N.J.Md. 12580. lutea (Hald.) 48-100 12583. sericea (Melsh.) 46-51 D.C. N.Y.Fla. Fla. Ind. 84. oculata Schff. 17–358

fuscosuturalis (Blatch.) 13-24

81. arizonica Schff. 17-359

82. californica Schff. 17-359

Fla.

Ariz.

Cal.

**Canifa** Lec. 66–144

12585. plagiata (Melsh.) 46–56

americana (Hald.) 48-100

| Canifa Lec.<br>12586. pusilla (Hald.) 48–100                  | N.Y. So.Car.             | Canifa Lec.<br>12588. pallipes (Melsh.) 46-56               | Fla.Me.Vt.                    |
|---------------------------------------------------------------|--------------------------|-------------------------------------------------------------|-------------------------------|
| 87. pallipennis Lec. 78–619                                   | Wis. Ind.<br>Mich. Ind.  | biimpressa (Hald.) 48–100                                   | N.Y.So.Car.                   |
| or pumponing floor to ord                                     |                          |                                                             | ingapi ma                     |
|                                                               | Оѕрн                     |                                                             |                               |
| TIL 07 070                                                    | Seidlitz                 |                                                             |                               |
| Osphya Ill. 07–370<br>( Nothus Oliv. 11–384)                  |                          | Osphya Ill.<br>12590. luteus (Horn) 79–339                  | So. Eur. Cal.                 |
| 12589. varians (Lec.) 66–145                                  | Tex. Ind.                |                                                             |                               |
|                                                               | Муств                    | CRINI                                                       |                               |
|                                                               | Leconte 62;              | Horn 79                                                     |                               |
| <b>Lacconotus</b> Lec. 62–254<br>12591. punctatus Lec. 62–255 | Can.Mich.Pa.             | Mycterus Clairv.<br>12595. concolor Lec. 53–235             | N.Mex.So.                     |
| •                                                             | Ohio                     | flavipennis Horn 68–136                                     | [Cal. Ariz.                   |
| 92. pinicola Horn 79–338                                      | Col.&Nev.<br>So.Cal.     | 96. quadricollis Horn 74–142                                | Cal. N.Mex.<br>So.Cal.        |
| Mycterus Clairv. 98–125<br>12593. canescens Horn 79–336       | Cal. Nev.                | Polypria Chev. 74–330                                       |                               |
| 94. scaber Hald. 43–303                                       | Atl. & So. St.           | 12597. crux-rufa Chev. 74–330                               | Tex.(Mex.                     |
|                                                               | Fla.                     |                                                             | C.Am.)                        |
| ·                                                             | STENOTRA                 | CHELINI                                                     |                               |
|                                                               | Seidlitz                 | 98-676                                                      |                               |
| Stenotrachelus Latr. 25–379                                   | Rus. Am.                 | Scotodes Esch. 18–454                                       |                               |
| 12598. aeneus (Fab.) 87–93<br>arctatus Say 24–283             | Alas.Lab.N.H.            | (Anelpistus Horn 70–88)<br>12599. americanus (Horn) 70–88   | Wh.Mts.N.H.                   |
| obscurus Mann. 52–347<br>· ?rowillieri Mots. 45–84            | H.B.T.<br>Mack. R.       |                                                             |                               |
| .10w1mc11 1120to. 10 01                                       | 70° N. Lat.              |                                                             |                               |
|                                                               |                          |                                                             |                               |
|                                                               |                          |                                                             |                               |
|                                                               | PTIN                     | IDÆ                                                         |                               |
| Boieldieu                                                     | 54; Leconte 65;          | Casey 98; Fall 05; Pic 12                                   |                               |
|                                                               | Gівв                     | IINI ·                                                      |                               |
| Gibbium Scop. 77–505<br>(Scotias Czemp. 78–51)                |                          | <b>Mezium</b> Curt. 28–232<br>12601. americanum Lap. 35–297 | †N.Y.Fla.Tex.                 |
| 12600. psylloides (Czemp.) 78–51                              | †Cosmop.                 |                                                             | Ind.                          |
| scotias (Fab.) 81–74                                          | VaL.Cal.<br>La.S.C. Eur. | sulcatum ‡ Woll. 54–273                                     | La. D.C.<br>So.Eur.           |
|                                                               | Pri                      | VINI                                                        |                               |
| Sphæricus Woll. 54–263                                        | 1 111                    | Niptinus Fall.                                              |                               |
| ( <i>Tipnus</i> Duv. 60–137)                                  |                          | 12609. unilineatus (Pic) 00–252                             | Mex. Tex.                     |
| 12602. gibboides (Boield.) 56–669                             | 9 †Cal. Eur.             | Ptinus L. 66–566                                            |                               |
| <b>Pitnus</b> Gorh. 83–197<br>12603. pygmæus Gorh. 83–198     | L.Cal.                   | (Ptinus L. s. str.)<br>12610. villiger (Reit.) 83–311       | Nfld. Can                     |
| Trigonogenius Sol. 49–464                                     | †Cal. Or.                | 11. bicinctus Sturm 37–57                                   | Wash.<br>Can. Mass.           |
| 12604. globulum Sol. 49–464<br>farctus Lec. 66–100            |                          | 12. brunneus Dufts. 25–65                                   | †N.YN.Mex.<br>Ind.            |
| 05. aeneus Pic 00–258                                         | Tex.                     | 13. fur L. 58–393                                           | †Cosmop.Ind.                  |
| Niptus Boield. 56–662<br>12606. ventriculus Lec. 59–13        | TexSo.Cal.               | ?humeralis Say 35–165                                       | Alas.Eur.Asia, [Ariz. Greenl. |
| 07. hololeucus Fald. 35–214                                   | †Can. [Ariz.             | 14. alternatus Fall 05–116<br>15. cælebs Fall 05–116        | Cal.                          |
| Niptinus Fall 05–108                                          | m.                       | 16. verticalis Lec. 59–76                                   | Cal.So.Cal.                   |
| 12608. ovipennis Fall 05–108                                  | Tex.                     | 17. gandolphei Pic 04–233                                   | Cal.                          |

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| Ptinus L.  12618. agnatus Fall 05–118  19. cognatus Fall 05–118  (Gynopterus Muls. & Rey  20. longivestis Fall 05–119  21. californicus Pic 00–89  22. strangulatus Fall 05–120  23. falli Pic 04–19  24. tumidus Fall 05–121  25. bimaculatus Melsh.46–308 ♂  a. rubroapicatus Pic 03–183                                                                                                                                                                                                                                                                                                  |                                                                                                                                     | Ptinus L. 12626. hystrix Fall 05-1 27. eximius Fall 05-1 28. prolixus Fall 05-2 29. quadrimaculatus 30. texanus Pic 03-1 31. interruptus Lec. 3 32. concurrens Fall 0 33. fallax Fall 05-12 34. vegrandis Fall 05 35. feminalis Fall 05-36. paulonotatus Pic                                                                                                                                                                                                                                                                                             | 23 So.Cal.S.C 122 Tex. [Tex.? Melsh. 46–308 MassD.C. 83 Tex. Ga. 57–48 Cal. So.Cal. 55–125 N.Ill. Ark. 5 So.CalOr. 1–125 So.CalAriz126 Ariz.                                                                                                                                                                            |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                     | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ANOB                                                                                                                                | IIDÆ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ANOBI                                                                                                                               | INÆ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Leconte 65                                                                                                                          | ; Fall 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | HEDO                                                                                                                                | BIINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                         |
| Hedobia Latr. 29–482<br>12637. granosa Lec. 74–63<br>38. angulata Fall 05–130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Cal. So.Cal.<br>So.Cal.                                                                                                             | Eucrada Lec. 62–202<br>12639. humeralis (Melsh<br>40. robusta Van D. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dryopi                                                                                                                              | ILINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                         |
| Xestobium Mots. 45–35 (Cnecus Thoms. 59–88) 12641. rufovillosum (DeG.) 74–23  tesselatum (Fab.) 92–236 squalidum Lec. 74–64 42. affine Lec. 74–63  Utobium Fall 05–134 12643. elegans (Horn) 94–384  Microzogus Fall 05–135 12644. insolens Fall 05–135  Ozognathus Lec. 62–205 (Micranobium Gorh. 83–20 12645. cornutus (Lec.) 59–87 misellus Lec. 65–226 46. dubius Fall 05–137 47. floridanus Lec. 78–408  Xarifa Fall 05–137 12648. insularis Fall 05–138  Ernobius Thoms. 59–88 (Conophoribium Chev. 61–6 (Liozoum Muls. & Rey 63–6 (Philoxylon Lec. 62–205) 12649. mollis (L.) 61–142 | N.EngIll. Eur. [Ind. VancCal. NevAntic. Fla.  Pars) Cal. So.Cal. So.Cal. Ariz. Colo.? N.J. Fla. Tex.  So.Cal. Is.  192)  †MeVa.Fla. | Ernobius Thoms. 12650. socialis Fall 05–1 51. cupressi VanD. 1 52. punctulatus (Lec. debilis (Lec.) 65– 53. convergens Fall 0 54. collaris Fall 05–1 55. alutaceus (Lec.) 6 56. crotchi Fall 05–1 57. gracilis Lec. 79–5 58. lacustris Fall 05– 59. fissuratus Fall 05– 60. nigrans Fall 05–1 61. pallitarsis Fall 05– 62. tristis Lec. 79–51 63. montanus Fall 05 64. filicornis Lec. 79–65. granulatus Lec. 6 66. opicus Fall 05–14 67. luteipennis Lec. 7 68. tenuicornis Lec. 6 69. marginicollis (Lec. 70. gentilis Fall 05–1 71. trapczoideus Fall | 8-6 Cal. 2) 59-284 CalVanc. 225 So.Cal. 3)5-143 Cal. 44 So.Cal. 61-352 Cal. 44 Cal. 616 Colo. 146 Mich. Dak146 Ariz. 46 Cal. Ariz. 46 CalWash. 7 Colo. 6-147 CalWash. 7 Colo. 6-147 MassVa. 65-225 MassFla. 69 Mass. Mich. 79-517 Mass. D.C. Mich. 65-225 Pa. Mass. 60.) 59-87 CalVanc. 61 Wash. B.C. 605-151 Cal. Utah |
| convexifrons (Melsh.) 46–5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Eur.Sib.Mich.                                                                                                                       | <b>Paralobium</b> Fall 05–152<br>12672. mundum Fall 05–                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                         |
| Actenobius Fall 05–155 12673. pleuralis (Csy.) 98–65 74. macer (Csy.) 98–65 75. saginatus (Csy.) 98–65  Euceratocerus Lec. 74–65 12676. horni Lec. 74–65                                                                                                                                                                                                                                                                                                                                                                                                                                    | So.Cal. Cal. Cal. Tex.                                                                                                              | Xeranobium Fall<br>12678. macrum Fall 05–1<br>79. cinereum (Horn)<br>80. desertum Fall 05–<br>Oligomerodes Fall 05–1<br>12681. occidentalis Fall 0<br>82. catalinæ Fall 05–1                                                                                                                                                                                                                                                                                                                                                                             | 94–385 S.W.Tex.<br>-160 So.Cal.<br>61<br>05–161 So.Cal.                                                                                                                                                                                                                                                                 |
| Xeranobium Fall 05–158<br>12677. laticeps Fall 05–158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ariz.                                                                                                                               | Oligomerus Redt. 58–56<br>12683. tenellus Fall 05–1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                         |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                   | A 1 . T. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                     |
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| Oligomerus Redt.<br>12684. sericans (Melsh.) 46–309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Can.Minn.Va.                                                                                                      | Anobium Fab.<br>striatum Oliv. 90–9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | †Mass.N.J.Va.                                                                                                                                                                                                       |
| thoracicus Lec. 62–205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | [Ind.                                                                                                             | pertinax Fab. 01–322                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | e.a. 70                                                                                                                                                                                                             |
| 85. californicus Fall 05–165<br>86. obtusus Lec. 62–228                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Cal.<br>Vt.D.C. Mich.                                                                                             | domesticum Muls. & Rey (<br>pumilus (Lec.) 65–232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 04-10                                                                                                                                                                                                               |
| 87. brevipilis Fall 05–166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N.JMich.                                                                                                          | pumillo ‡ No. 5273 Hensha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | aw                                                                                                                                                                                                                  |
| 88. alternans Lec. 62–228                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N.J. Kan.                                                                                                         | Hadrobregmus Thoms. 59-89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                     |
| Sitodrepa Thoms. 63–166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>\</b>                                                                                                          | (Hemicælus Lec. 62–204)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                     |
| (?Stegobium Mots. 60–154<br>(Artobium Muls. & Rey 64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | )<br>( <del>-</del> 82)                                                                                           | (Cacotemnus Lec. 62–204)<br>12704. defectus Fall 05–182                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Mass.                                                                                                                                                                                                               |
| 12689. panicea (L.) 61–145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | †Cosmop. Ind.                                                                                                     | 05. carinatus (Say) 23-187                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CanN.CIa.                                                                                                                                                                                                           |
| tenuistriatum(Say)25–173<br>obesum (Melsh.) 46–309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Alas. [Lab. Eur. Sib. Fla.                                                                                        | errans (Melsh.) 46–309<br>06. lincaris Lec. 62–232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | [Ind.<br>H.B.T. Mich.                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | So.Cal.                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ind.                                                                                                                                                                                                                |
| Gastrallus Duv. 60–245 (Gastragallus ‡ Austin 80–                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 31)                                                                                                               | 07. pusillus Fall 05–183<br>08. laticollis Fall 05–184                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CanN.C<br>Cal. [Wis.                                                                                                                                                                                                |
| 12690. marginipennis Lec. 79–517                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Colo. Cal.                                                                                                        | 09. umbrosus Fall 05–184                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | L.Sup. N.Y.                                                                                                                                                                                                         |
| Ctenobium Lec. 65–229                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                   | 10. gibbicollis (Lec.) 59–284                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N.H. So.CalVanc.                                                                                                                                                                                                    |
| 12691. antennatum Lec. 65–230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Va.                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2012001 10000                                                                                                                                                                                                       |
| Ptinodes Lec. 62–204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                   | Microbregma Seidl. 91–537<br>12711. emarginatum (Duft.)25–54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                                                                                                                                                                                                   |
| 12692. setifer (Lec.) 58–73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | So.Cal.                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | †MassB.C.                                                                                                                                                                                                           |
| Trichodesma Lec. 62–204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.1.0                                                                                                             | foveatum (Kby.) 37–190<br>a. granicollis Fall 05–185                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Or. Cal.                                                                                                                                                                                                            |
| 12693. cristata (Csy.) 90–323<br>94. klagesi Fall 05–173                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CalOr.<br>D.CKy.                                                                                                  | <i>8</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Conn.                                                                                                             | Cœlostethus Lec. 62–204<br>(Dendrobium Muls. & Rey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 64-78)                                                                                                                                                                                                              |
| 95. gibbosa (Say) 25–171<br>96. beyeri Fall 05–174                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Can. Fla. Ia.<br>L.Cal. [Ind.                                                                                     | 12712. notatus (Say) 25–172                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CanN.C.Mo.                                                                                                                                                                                                          |
| 97. texana Schffr. 03–263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tex. Mex.                                                                                                         | 13. americanus Fall 05–187<br>14. quadrulus (Lec.) 59–87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ColoWy.<br>NevB.C.                                                                                                                                                                                                  |
| 98. sellata Horn 94–386<br>99. sordida Horn 94–387                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | L.Cal.<br>Tex.                                                                                                    | 15. alternatus Fall 05–188                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Colo. N.Mex.                                                                                                                                                                                                        |
| 12700. pulchella Schffr. 03–264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tex.                                                                                                              | 16. truncatus Fall 05–188                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NevVanc.                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                     |
| Nicobium Lec. 62–204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                   | Trypopitys Redt. 58-562                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                     |
| (Neobium Muls. & Rey 64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4-106)                                                                                                            | Trypopitys Redt. 58–562 (*Priobium Mots. 45–35)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | V4 Dla Ia                                                                                                                                                                                                           |
| Nicobium Lec. 62–204<br>(Neobium Muls. & Rey 64<br>12701. castaneum (Oliv.) 90–7<br>hirtum (Ill.) 07–19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4–106)<br>†La. Fla. Eur.                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Vt. FlaIa.<br>Ariz. Ind.                                                                                                                                                                                            |
| ( Neobium Muls. & Rey 64<br>12701. castaneum (Oliv.) 90-7<br>hirtum (Ill.) 07-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4–106)<br>†La. Fla. Eur.                                                                                          | (? Priobium Mots. 45–35)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ariz. Ind.<br>Colo. N.Mex.                                                                                                                                                                                          |
| ( <i>Neobium</i> Muls. & Rey 64<br>12701. castaneum (Oliv.) 90-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4–106)<br>†La. Fla. Eur.<br>So.Cal.                                                                               | (? Priobium Mots. 45–35) 12717. sericeus (Say) 25–172 18. punctatus Lec. 59–13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ariz. Ind.                                                                                                                                                                                                          |
| (Neobium Muls. & Rey 64<br>12701. castaneum (Oliv.) 90-7<br>hirtum (Ill.) 07-19<br>Anobiopsis Fall 05-177<br>12702. sericans Fall 05-178                                                                                                                                                                                                                                                                                                                                                                                                                                                                | †La. Fla. Eur.                                                                                                    | (? Priobium Mots. 45–35) 12717. sericeus (Say) 25–172 18. punctatus Lec. 59–13  Colposternus Fall 05–190                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ariz. Ind.<br>Colo. N.Mex.<br>Ariz. So.Cal.                                                                                                                                                                         |
| ( Neobium Muls. & Rey 64<br>12701. castaneum (Oliv.) 90-7<br>hirtum (Ill.) 07-19<br>Anobiopsis Fall 05-177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | †La. Fla. Eur.                                                                                                    | (? Priobium Mots. 45–35) 12717. sericeus (Say) 25–172 18. punctatus Lec. 59–13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ariz. Ind.<br>Colo. N.Mex.<br>Ariz. So.Cal.                                                                                                                                                                         |
| ( Neobium Muls. & Rey 64<br>12701. castaneum (Oliv.) 90-7<br>hirtum (Ill.) 07-19<br>Anobiopsis Fall 05-177<br>12702. sericans Fall 05-178<br>Anobium Fab. 75-62                                                                                                                                                                                                                                                                                                                                                                                                                                         | †La. Fla. Eur.                                                                                                    | (? Priobium Mots. 45–35) 12717. sericeus (Say) 25–172  18. punctatus Lec. 59–13  Colposternus Fall 05–190 12719. tenuilineatus (Horn) 94–38                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ariz. Ind.<br>Colo. N.Mex.<br>Ariz. So.Cal.                                                                                                                                                                         |
| ( Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64                                                                                                                                                                                                                                                                                                                                                                                                   | †La. Fla. Eur.<br>So.Cal.                                                                                         | (? Priobium Mots. 45–35) 12717. sericeus (Say) 25–172  18. punctatus Lec. 59–13  Colposternus Fall 05–190 12719. tenuilineatus (Horn) 94–38                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ariz. Ind.<br>Colo. N.Mex.<br>Ariz. So.Cal.<br>89<br>Or. So.Cal.                                                                                                                                                    |
| ( Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65                                                                                                                                                                                                                                                                                                                                                                         | †La. Fla. Eur. So.Cal.  XYLET Cal. So.Cal.                                                                        | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172 18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lec. 65-237                                                                                                                                                                                                                                                                                                                                                                                | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex.                                                                                                                                                  |
| ( Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64                                                                                                                                                                                                                                                                                                                                                                                                   | †La. Fla. Eur. So.Cal.                                                                                            | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172 18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  CININI  Xyletinus Latr.                                                                                                                                                                                                                                                                                                                                                                                                            | Ariz. Ind.<br>Colo. N.Mex.<br>Ariz. So.Cal.<br>89<br>Or. So.Cal.                                                                                                                                                    |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64                                                                                                                                                                                                                                                                                                 | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Cal. Wash.                                                | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75 35. harrisi Fall 05-201                                                                                                                                                                                                                                                                                                                           | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky.                                                                                                                    |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194                                                                                                                                                                                                                                                                                                                        | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont.                                       | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lec. 65-237 34. peltatus (Harris) 37-75                                                                                                                                                                                                                                                                                                                                                   | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla.                                                                                                                                 |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7                                                                                                                                                                                                                                                                         | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or.                                            | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238                                                                                                                                                                                                                                                                                                  | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich.                                                                                    |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-195 26. plumbea Fall 05-196 (Pseudoxyletinus Pic 03-1                                                                                                                                                                                            | †La. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash.                            | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172 18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613                                                                                                                                                                                                                                                                         | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal.                                                             |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-196                                                                                                                                                                                                                                              | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash.                            | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613 38. lugubris Lec. 78-612  39. gracilipes Fall 05-203 40. flabellicornis Sturm 26-59                                                                                                                                                                                    | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal. "N.Am."                                                     |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-195 26. plumbea Fall 05-196 (Pseudoxyletinus Pic 03-1 27. fulvolineata Pic 03-182) 28. nigra Pic 05-171                                                                                                                                          | †La. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash. 82) N.Am.                  | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613 38. lugubris Lec. 78-612  39. gracilipes Fall 05-203 40. flabellicornis Sturm 26-59 — puberulus Boh. 59-86                                                                                                                                                             | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal.                                                             |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-195 26. plumbea Fall 05-196 (Pseudoxyletinus Pic 03-1 27. fulvolineata Pic 03-182)                                                                                                                                                               | †La. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash. 82) N.Am.                  | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613 38. lugubris Lec. 78-612  39. gracilipes Fall 05-203 40. flabellicornis Sturm 26-59 — puberulus Boh. 59-86  Lasioderma Steph. 30-417                                                                                                                                   | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal. "N.Ain." Cal.?                                              |
| ( Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-195 26. plumbea Fall 05-196 ( Pseudoxyletinus Pic 03-1 27. fulvolineata Pic 03-182) 28. nigra Pic 05-171  Euvrilletta Fall 05-196                                                                                                               | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash. 82) N.Am. N.Am.            | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613 38. lugubris Lec. 78-612  39. gracilipes Fall 05-203 40. flabellicornis Sturm 26-59 — puberulus Boh. 59-86  Lasioderma Steph. 30-417 12741. dermestinum Lec. 65-238 42. serricorne (Fab.) 75-241                                                                       | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal. "N.Am." Cal.?  L.Cal. †Cosmop. Ind.                         |
| ( Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-195 26. plumbea Fall 05-196 ( Pseudoxyletinus Pic 03-1 27. fulvolineata Pic 03-182) 28. nigra Pic 05-171  Euvrilletta Fall 05-196 12729. xylctinoides Fall 05-197                                                                               | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash. 82) N.Am. N.Am.            | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613 38. lugubris Lec. 78-612  39. gracilipes Fall 05-203 40. flabellicornis Sturm 26-59 — puberulus Boh. 59-86  Lasioderma Steph. 30-417 12741. dermestinum Lec. 65-238 42. serricorne (Fab.) 75-241 testaceus (Duft.) 25-46                                               | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal. "N.Am." Cal.?  L.Cal. †Cosmop. Ind. Eur. [Can.Fla.          |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-195 26. plumbea Fall 05-196 (Pseudoxyletinus Pic 03-1 27. fulvolineata Pic 03-182) 28. nigra Pic 05-171  Euvrilletta Fall 05-196 12729. xylctinoides Fall 05-197 Xyletomerus Fall 05-197 12730. histricus Fall 05-198  Xyletinus Latr. 06-376    | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash. S2) N.Am. N.Am. Cal. Cal.  | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613 38. lugubris Lec. 78-612  39. gracilipes Fall 05-203 40. flabellicornis Sturm 26-59 — puberulus Boh. 59-86  Lasioderma Steph. 30-417 12741. dermestinum Lec. 65-238 42. serricorne (Fab.) 75-241 testaceus (Duft.) 25-46 ?castaneum Melsh. 46-308 43. falli Pic 05-171 | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal. "N.Am." Cal.?  L.Cal. †Cosmop. Ind. Eur. [Can.Fla.          |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-195 26. plumbea Fall 05-196 (Pseudoxyletinus Pic 03-1 27. fulvolineata Pic 03-182) 28. nigra Pic 05-171  Euvrilletta Fall 05-196 12729. xylctinoides Fall 05-197 12730. histricus Fall 05-198  Xyletinus Latr. 06-376 12731. distans Fall 05-200 | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash. Sol. N.Am. N.Am. Cal. Cal. | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lec. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613 38. lugubris Lec. 78-612  39. gracilipes Fall 05-203 40. flabellicornis Sturm 26-59 — puberulus Boh. 59-86  Lasioderma Steph. 30-417 12741. dermestinum Lec. 65-238 42. serricorne (Fab.) 75-241                                                                       | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal. "N.Am." Cal.?  L.Cal. †Cosmop. Ind. Eur. [Can.Fla. N.Y. Va. |
| (Neobium Muls. & Rey 64 12701. castaneum (Oliv.) 90-7 hirtum (Ill.) 07-19  Anobiopsis Fall 05-177 12702. sericans Fall 05-178  Anobium Fab. 75-62 12703. punctatum DcG. 74-230  Vrilletta Lec. 74-64 12720. convexa Lec. 74-65 21. murrayi Lec. 74-64 22. blaisdelli Fall 05-194 23. expansa Lec. 74-64 24. decorata VanD. 18-7 25. laurentina Fall 05-195 26. plumbea Fall 05-196 (Pseudoxyletinus Pic 03-1 27. fulvolineata Pic 03-182) 28. nigra Pic 05-171  Euvrilletta Fall 05-196 12729. xyletinoides Fall 05-197 Xyletomerus Fall 05-197 12730. histricus Fall 05-198  Xyletinus Latr. 06-376    | TLa. Fla. Eur.  So.Cal.  Cal. So.Cal. Cal. So.Cal. Cal. Wash. Cal. Or. Ont. Cal. Wash. S2) N.Am. N.Am. Cal. Cal.  | (? Priobium Mots. 45-35) 12717. sericeus (Say) 25-172  18. punctatus Lec. 59-13  Colposternus Fall 05-190 12719. tenuilineatus (Horn) 94-38  EININI  Xyletinus Latr. 12733. mucoreus Lcc. 65-237 34. peltatus (Harris) 37-75  35. harrisi Fall 05-201 36. fucatus Lec. 65-238 37. pubescens Lec. 78-613 38. lugubris Lec. 78-612  39. gracilipes Fall 05-203 40. flabellicornis Sturm 26-59 — puberulus Boh. 59-86  Lasioderma Steph. 30-417 12741. dermestinum Lec. 65-238 42. serricorne (Fab.) 75-241 testaceus (Duft.) 25-46 ?castaneum Melsh. 46-308 43. falli Pic 05-171 | Ariz. Ind. Colo. N.Mex. Ariz. So.Cal.  89 Or. So.Cal.  Fla.La.Tex. CanTex.Ind. Fla. Can. Pa. Ky. N.EngCal. Tex. [Ind. Mass.Mich. Neb. Ind. Wy. [So.Cal. "N.Am." Cal.?  L.Cal. †Cosmop. Ind. Eur. [Can.Fla.          |

Anobiidæ 243

Megorama Fall Lasioderma Steph. 12745. hemiptychoidcsFall05-205 N.J. Md. 12747. frontalis (Lec.) 78-410 So.Cal. 48. viduum Fall 05–207 Cal. Megorama Fall 05–206 49. ingens Fall 05–208 So.Cal. 12746. simplex (Lec.) 65–239 Ky. Dorcatomini Petalium Lec. 62–204 (Rhadine | Baudi 73–331) (Micranobium Gorh. pars. 83–202) Catorama Guér. 12790. vestitum Fall 05-242 Cal. Ariz. 91. palliatum (Fall) 01-253 So.Cal. Tex. 12750. schwarzi Fall 05-214 92. placidum Fall 05–242 L.Cal. Fla. 93. debile (Lec.) 78–408 51. yuccæ Fall 05-215 Fla. 52. seriatum Fall 05–215 94. posticum Fall 05-243 Mas.Fla.Tex. Tex. Tex.N.Mex. 53. ealifornicum Fall 05–216 95. tumidum Fall 05-243 Cal. [Ind.N.Eng.Fla. 96. nubilum Fall 05-243 So.Cal. 54. bistriatum (Say) 25-172 Ariz. N.Mex. Tex. Ind. 97. longulum Fall 05–244 Ariz. [So.Cal. N.Mex. 98. uniforme Fall 05–244 a. arizonense Fall 05–217 Tex. b. bicolor Fall 05-217 So.Fla. 99. fastigiatum Fall 05–244 L.Cal. c. debile Fall 05-217 Ga.Fla.Tex. 12800. otiosum Fall 05-245 01. congruum Fall 05-245 Tex. 55. brunneum Horn 96-375 L.Cal. N.Y.-Tex.Ind. S.W.Tex. 02. vexatum Fall 05-245 Eupactus Lec. 65–235 03. robustum (Horn) 94–393 (Calymmaderus ‡ auct.) 04. grave (Lec.) 58–72 Ariz.Mass.-La. L.Cal. 12756. nactus Fall 05-220 05. porosum Fall 05–247 Fla. Tex. [Ind. Fla. 57. advena Fall 05–220 06. falli Pic 05–171 O.Mo.La.Tex. 58. obsolctus Fall 05-220 convexum || Fall 05–247 L.Cal. Ariz. 59. amœnus Fall 05-221 Ariz. [Ind. 07. subpubescens Pic 04–103 Brazil, (U.S.?) 60. mixtus Fall 05-221 L.Cal. 08. castaneum (Ham.) 93-307 Ind. Mass. Fla. Mass.Fla.Ariz. 61. nitidus Lec. 65-236 Fla. 09. politum Fall 05–248 Tex. 62. canonicus Fall 05-222 L.Cal. [Ind. Tex. Ariz. 10. triviale Fall 05–248 Tex. 63. similis Fall 05–222 11. conjunctum Fall 05–248 Cal. 64. punctulatus Lec. 65-236 Fla.La.Tex. 12. boreale (Lec.) 65-240 L.Sup. [L.Cal. viticola Sz. 78–365 Fla. 13. pusillum (Lec.) 58-72 Ariz. L.Cal. pudicus (Boh.) 59-86 Cal.? 14. consobrinum Fall 05–249 Ariz. N.Mex. 15. simile (Lec.) 78–408 Fla. Stagetus Woll. 61-12 16. pingue Fall 05–250 Ariz. (Theca | Muls. 60-293) 17. vacuum Fall 05-250 Ariz. Tex. Md.-Or. 12765. profunda Lec. 65–235 18. cicatricosum Fall 05-251 Fla. striatopunctata Lec. 84-22 Cal. 19. luteotectum (Fall) 01–253 So.Cal. 20. geminatum Fall 05–251 Cal. Catorama Guér. 50-431 21. gracile Fall 05–252 Ohio 12766. tabaci Guér. 50-437 †Cuba, Fla. 22. mancum Fall 05-252 Cal. (Hemiptychus Lec. 65–239) 23. validum Fall 05–252 Tex. Fla. 67. punctulatum Lec. 78–409 24. confusum Fall 05–252 O.-L.Cal.Ind. 68. vitiosum Fall 05-234 Tex. 25. angustum Fall 05–25326. parvum Fall 05–254 Kan. N.Ill. 69. impressifrons Fall 05-234 Tex. 70. sectans Lcc. 78–410 Tex. 27. turbidum Fall 05–254 Ga. 71. mutans Fall 05–235 Ariz.L.Cal. 28. auctum (Lec.) 78–409 Fla. 72. estriatum (Horn) 94–390 73. grande Fall 05–236 74. lentum Fall 05–236 Tex. L.Cal. 29. indistinctum Fall 05–255 D.C.-Fla. Tex. Ariz. 30. exiguum Fall 05-255 So.Cal. Ariz.31. obsoletum (Lec.) 65-240 L.Cal. 75. conophilum Fall 05-236 N.Mex. Cryptorama Fall 05-256 76. latum (Horn) 94–391 obsoletus || Lec. 78–410 77. simplex Fall 05–237 So.Cal. L.Cal. Fla. Tex. 12832. oblongum Fall 05–256 33. vorticale Fall 05-257  ${
m Fla.}$ a. minor Fall 05-257 Fla. 78. metasternalc Fall 05–237 L.Cal. Fla.-Tex. 34. minutum (Lec.) 78-409 79. inæquale Fall 05–237 Tex. 35. holosericeum(Lec.)78-409 Fla.-N.J. 80. abbreviatum (Lec.) 78–408Fla. 81. gibbulum Fall 05–238 Ariz Ariz.-Cal. Stichtoptychus Fall 05–258 82. carinatum Fall 05-239 Fla. 12836. agonus Fall 05–258 Tex. 83. ventrale (Lec.) 65–240 Tex. La. Ind.La.Ga.O. 84. punctatum (Lec.) 65–240 Protheca Lec. 65-241 Tex.Fla.Ariz. N.Y. Fla. Tex. 12837. hispida Lec. 65-241 85. densum Fall 05-240 D.C Mass.-Fla.Ind. 38. puberula Lec. 65–241 86. dichroum Fall 05-240 Mich.-La.Ind. Dorcatoma Herbst 92-103 N.Mex. 87. nigripenne Fall 05–240 12839. dresdensis Hbst. 92-104 Eur.&No.U.S. 88. dispar Fall 05-241 Tex. Ind. Can. Mass.-Tex. 89. nigritulum (Lec.) 65-241

† Introduced.

Ind.

pallicornis Lec. 74-274

N.H.

| Dorcatoma Herbst 12840. integer (Fall) 01–253 41. setulosum Lec. 65–242 — affinis Boh. 58–87 | Cal.<br>CanLa.Ind. | Cænocara Thoms. 59–90<br>(Tylistus Lec. 62–203)<br>(Enneatoma Muls. & Rey<br>12851. frontalis Fall 05–271<br>52. scymnoides Lec. 65–244 | 63-367)<br>Fla.<br>Mass. Nev.                         |
|----------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Byrrhodes</b> Lec. 78–412 12842. setosus Lcc. 78–413                                      | Fla.               | 53. similis (Say) 35–166<br>54. lateralis Lec. 78–411<br>55. oculata (Say) 24–273                                                       | MassN.C.<br>Fla. N.C.<br>Ct. Fla. N.<br>Eng-Ariz.Ind. |
| Eutylistus Fall 05–264                                                                       |                    | 56. blanchardi Fall 05–273                                                                                                              | Mass. Mich.                                           |
| 12843. intermedius (Lec.) 78-411                                                             | Mass.Fla.Ark. Ind. | 57. californica Lec. 78–412<br>occidens Csy. 85–330                                                                                     | Cal.                                                  |
| 44. incomptus (Lec.) 65–243                                                                  | Mass.Ill.S.C.      | 58. neomexicana Fall 05–274                                                                                                             | N.Mex. Ariz.                                          |
| 45. tristriatus (Lec.) 78–411                                                                | TexN.Y.Fla.        | 59. bicolor (Germ.) 24–79                                                                                                               | MassTex.                                              |
| 46. ulkei Fall 05–266                                                                        | Cal.               | , ,                                                                                                                                     | Ind.                                                  |
| 47. levisternus Fall 05–266                                                                  | Fla.               | 60. tenuipalpa Fall 05–275                                                                                                              | N.EngTex.                                             |
| 48. granus (Lec.) 78–411                                                                     | Fla.               | 61. inepta Fall 05–276                                                                                                                  | N.J.Fla.Tenn.                                         |
| 49. fallax Fall 05–267                                                                       | Fla.               | 62. ovalis Fall 05–276                                                                                                                  | Ariz. [Tex.                                           |
| 50. facilis Fall 05–268                                                                      | Tex.               | 63. nigricornis Manee 15–176                                                                                                            | N.C.                                                  |

# PTILININI

Casey 98

| ?bicolor Melsh. 46–308<br>65. basalis Lec. 58–73 Cal |  | Csy. 98–62 MoN.Mex<br>s Csy. 98–63 Ind. Ont. |  |
|------------------------------------------------------|--|----------------------------------------------|--|
|------------------------------------------------------|--|----------------------------------------------|--|

## BOSTRICHIDÆ

Horn 78; Lesne 95, 97, 99, 00, 06, 07, 09

ENDECATOMINI<sup>1</sup>

Atl.-Colo. Ind.

N.Am.?

| MILOUGO CONTRACTOR OF THE CONT | Endecatomus Mellié<br>2871. rugosus (Rand.) 38–226<br>dorsalis Mellié 48–218 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|

#### Bostrichini

Horn 78; Casey 98; Lesne 95-09

| Tetrapriocera Horn 78-544                                                                   | TET TO                        | Xylobiops Csy.                                                               | TU                       |
|---------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------|--------------------------|
| 12872. longicornis (Oliv.) 90–15<br>tridens (Fab.) 92–364<br>schwarzi Horn 78–545           | W.I. Fla.                     | 12880. floridanum (Horn) 85–155<br>81. perilis Lesne 00–510                  | L.Cal. Mex.              |
|                                                                                             |                               | Dendrobiella Csy. 98-66                                                      |                          |
| Scobicia Lesne 00–584                                                                       |                               | (?Xylopertha Guér. 45–17)                                                    |                          |
| (Sinoxylon ‡ auct. nec Duf<br>(Xylopertha ‡ auct. nec Gu                                    | iér. 45–17)                   |                                                                              | Tex.L.Cal.<br>Mex. Ariz. |
|                                                                                             | So.Cal. Or.                   |                                                                              | Tex. [So.Cal.            |
| 75. suturalis (Horn) 78–544<br>76. arizonica Lesne 07–244                                   | Ariz.                         | (Xyloblaptus Lesne 00–504<br>83. quadrispinosa (Lec.) 66–10                  |                          |
| Xylobiops Csy. 98-66                                                                        |                               |                                                                              | Ariz. L.Cal.             |
| 12877. basillare (Say) 23–321<br>78. texanum (Horn) 78–543<br>79. sextuberculatum (Lec.) 58 | Can.Tex.Ind.<br>S.W.Tex [Fla. | Amphicerus Lec. 61–208<br>(?Apate Fab. 75–54)<br>(Schistoceros Lesne 98–502) |                          |

While the check list was going through the press, Mr. Schwarz wrote "These are certainly not Bostrichids"; he also pointed out that the order of the genera of Bostrichini should be, to accord with Lesne's views: Dinoderus, Patea, Rhizopertha, Bostrichus, Amphicerus, Lichenophanes, Apatides, Micrapate, Tetrapriocera, Dendrobiella, Xylohiops, Scobicia.

12884. consanguineus Lesne 98-513

So.Cal.Tex.

Mex. Ariz.

<sup>†</sup> Introduced.

| LYCTIDÆ                                                                                                                                             |                                                              |                                                                                                                                         | 245                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Amphicerus Lec.<br>12885. cornutus (Pallas) 72–18<br>punctipennis (Lec.) 58–73                                                                      | So.Am.<br>Tex.L.Cal.<br>Mex. Fla.                            | Micrapate Csy. 98-72 (Bostrychulus Lesne 98-59 12905. dinoderoides (Horn) 78-54 06. cristicauda Csy. 98-73                              |                                                  |
| 86. maritimus Csy. 98–68<br>87. gracilis Csy. 98–69<br>88. bicaudatus (Say) 23–320<br>aspericollis (Germ.) 24–25                                    | Tex. [Ariz.<br>Kan.Ia.N.C.<br>Ind. Kan. Fla.<br>8 Q          | 07. simplex (Horn) 85-155  Stephanopachys Waterh. 88-34  (Dinoderus ‡ auct. nec \$5                                                     | S.W.Tex.<br>L.Cal.? Ariz.<br>19<br>Steph.)       |
| ?hamatus (Fab.) 75–360<br>89. grandicollis Csy. 98–69<br>90. brevicollis Csy. 98–70<br>91. teres Horn 78–548                                        | N.Am. Cuba<br>Tex.<br>Tex.<br>So.Cal.                        | 12908. substriatus(Payk.)00–142 09. pacificus Csy. 98–74                                                                                | Can.Mich.<br>Eur.Sib.Alas.<br>So.Cal.Id.         |
| Apatides Csy. 98-66 (Bostrychopsis Lesne 98-52) 12892. fortis (Lec.) 66-101 93. robustus Csy. 98-71 94. puncticeps Csy. 98-71                       | 24)<br>Ut. Ariz.<br>Tex. [So.Cal.<br>Ariz.                   | 10. sobrinus Csy. 98–74<br>11. asperulus Csy. 98–74<br>12. amplus Csy. 98–75<br>13. rugosus (Oliv.) 95–18<br>porcatus Lec. 66–101       | Colo. So.Cal.Wy. N.Mex. [Ariz. Ariz. Fla.Pa.N.C. |
| 95. pollens Csy. 14–359  Lichenophanes Lesne 98–457 12896. spectabilis (Lesne) 95–173 97. lucanus (Web.) 01–91                                      | Ariz.                                                        | 14. opacus Csy. 98–75<br>15. hispidulus Csy. 98–75<br>16. densus Lec. 66–102<br>17. parvulus Csy. 98–75                                 | Ind. Conn.<br>Va.<br>N.J.<br>Mich.S.C.<br>Pa.    |
| 98. armiger (Lec.) 66–100 99. californicus (Horn)78–456 12900. truncaticollis (Lec.) 66–10 01. penicillatus Lesne 95–171 fasciculatus (Fall) 09–162 | M.&W.St.Ind.<br>Cal.So.Cal.<br>1 Can.U.S.Ind.<br>Mex. L.Cal. | 18. cribratus Lec. 66–102<br>( <i>Prostephanus</i> Lesne 97–3<br>19. punctatus (Say) 25–258<br>20. truncatus Horn 78–550                | Ind. S.C.                                        |
| verrucosus ‡ Gorh. 86–353 <b>Bostrichus</b> Geoff. 62–301 12902. bicornis (Wcb.) 01–91                                                              |                                                              | Rhizopertha Steph. 30–354<br>12921. dominica (Fab.) 92–359<br>pusilla (Fab.) 98–156<br>Dinoderus Steph. 30–354                          | †Cosmop.<br>Pa.Ariz.Can.                         |
| scrricollis Germ. 24–464 03. angustus Csy. 98–72 04. capucinus (L.) 61–142                                                                          | [Fla. Ind.<br>N.J.<br>†Eur. N.J.                             | ( <i>Patea</i> Csy. 98–66)<br>12922. brevis (Horn) 78–550<br>?minutus Fab. 75–54                                                        | La.<br>Cosmop. Fla.                              |
|                                                                                                                                                     | DINA                                                         | PATINI                                                                                                                                  |                                                  |
| Dinapate Horn 86-1<br>12923. wrighti Horn 86-2                                                                                                      | So.Cal.                                                      |                                                                                                                                         |                                                  |
|                                                                                                                                                     | Pso                                                          | DINI                                                                                                                                    |                                                  |
| Polycaon Lap. 36–30 (Exopioides Guér. 45–17) (Allwocnemis Lec. 53–232) 12924. stouti (Lec.) 53–233 ♂ punctatus Lee. 66–102 ♂ ovicollis Lec. 57–49 ♀ | So.Cal.Or.<br>L.Cal. [Ariz.                                  | Polycaon Lap. 12926. plicatus Lec. 74–65 ♂ obliquus Lec. 74–66 ♀ 27. eonfertus Lec. 66–102 incisa (Lec.) 68–64 28. megalops Fall 01–254 | Tex.<br>Tex.<br>Cal. So.Cal.<br>So.Cal.          |
| pubescens Lec. 66–102 \( \) (**Ileterarthron** Gućr. 44–18 25. femoralis (Fab.) 92–361 gonagra (Fab.) 98–156 a. exesus Lec. 58–74                   | 66)<br>C.Am. Tex.<br>L.Cal.                                  | Psoa Hbst. 97–214 (Acrepis Lec. 52–213) 12929. maculata (Lec.) 52–213 30. quadrisignata (Horn) 68–                                      | Cal.<br>135<br>Cal.                              |

# LYCTIDÆ

Kraus 11 LYCTINI

Lyctus Fab. 92–502
(Xylotrogus Steph. 30–116)
(Trogoxylon Lec. 61–209)
12931. impressus Com. 37–40
32. punctatus (Lec.) 66–104 So.Eur. †Miss. L.Cal.

Lyctus Fab. 12933. ealifornicus Csy. 91-14 So.& L.Cal. Ariz. 34. parallelopipedus (Melsh.) 44-112 E.&S.E.U.S.

| Lyctus Fab. 12935. curtulus Csy. 91-15 36. politus Kraus 11-122 37. brunneus (Steph.) 39-116 parasiticus Steph. 29-94 glycyrrhizæ Chev. 29-191 rugulosus Montr. 61-266 | S.W.U.S. [Fla. †D.C. (Cosmop. Pa. [Ill. | Lyctus Fab. oblongus (Oliv.) 90–18 unipunctatus(Hbst.)83–40 canaliculatus Fab. 92–504 striatus Melsh. 44–112 pubescens Duft. 25–148 fuscus Seidl. 75–16 |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                                                                                                                                                                        | S.C.                                    |                                                                                                                                                         | Pa.            |
|                                                                                                                                                                        | E.U.S. Conn.                            | Vanatamalan Daittan 70, 100                                                                                                                             |                |
| 39. cavicollis Lec. 66–103<br>40. planicollis Lec. 58–74                                                                                                               | Cal.<br>U.S. Fla So.                    | Lyctoxylon Reitter 78–199<br>12944. japonicum Reit. 78–199                                                                                              | †Japan, N.J.   |
| 41. carbonarius Waltl 32–167                                                                                                                                           |                                         | 12944. Japomeum Reit. 10 133                                                                                                                            | 10 apan, 14.0. |
| 42. parvulus Csy. 84–175                                                                                                                                               | Ariz.W.&S.W.<br>U.S. So.Cal.            | Minthea Pasc. 63–97<br>(Lyctopholis Reit. 78–196)                                                                                                       | <del>†</del>   |
| 43. lincaris (Goeze) 77–148                                                                                                                                            | Cosmop. Ct.                             | 12945. stichothrix(Reit.)78–199                                                                                                                         |                |

# BERGINI

| <b>Berginus</b> Er. 48–405<br>12946. pumilus Lec. 63–72 | Pa. So.Cal. | Berginus Er.<br>nigricolor Champ. 13-117 Guat. Mex.<br>Panama, Tex.? |
|---------------------------------------------------------|-------------|----------------------------------------------------------------------|
|                                                         |             |                                                                      |

# SPHINDIDÆ

# Casey 98

| Odontosphindus Lec. 78–601<br>12947. denticollis Lec. 78–601<br>48. elavicornis Csy. 98–92 | Atl.St. Mich.<br>Can.<br>Cal. So.Cal. | <b>Sphindus</b> Chev.<br>12949. americanus Lec. 66–104<br>50. crassulus Csy. 98–93<br>51. trinifer Csy. 98–93 | Conn. AtlIa.<br>Colo. [Ind.Fla.<br>Can. |
|--------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Sphindus Chev. 33–8<br>(Coniophagus Mink. 53–5                                             | 59)                                   | <b>Eurysphindus</b> Lec. 78–602 12952. hirtus Lec. 78–602                                                     | Mich.                                   |

# CISIDÆ (Cioidæ)

Leach 19; Mellié 48; Casey 98; Kraus 08; Dalla Torre 11; Dury 17

# CISINÆ

# Dalla Torre 11

| Cis Lat    | tr. 96-50                                        |                   | Cis La | itr.                                               |              |
|------------|--------------------------------------------------|-------------------|--------|----------------------------------------------------|--------------|
|            | (Entypus Thoms. 63–193)                          |                   | 12970. | dunedinensis Leng 18-207                           |              |
|            | (Eridaulus Thoms. 63–19)                         |                   |        | pusillus    Dury 17–10                             | Fla.         |
|            | (Hadraula Thoms. 63–183                          |                   |        | pallens Csy. 98–78                                 | Mont.        |
|            | superbus Kraus 08–75                             | Cuba, Fla.        | 72.    | fuscipes Mcllié 48–271                             | AtlIa. Tex.  |
| 54.        | krausi Dalla Torre 11–13                         |                   |        | carolinæ Csy. 98–78                                | N.C. [Ind.   |
|            | bimaculatus    Kraus 08-7                        |                   |        | ?atripennis Mellié 48–258                          |              |
| ~ ~        | 1 'T 10 00m                                      | TexFla.           |        | chevrolati Mellié 48–249                           | La. Ind.     |
| 55.        | duryi Leng 18–207                                |                   |        | impressa Csy. 98–79                                | VancCal      |
| <b>~</b> 0 | bicolor    Dury 17-7                             | Ga.               |        | pistoria Csy. 98–79                                | R.I. Mass.   |
|            | arizonæ Dury 17–5                                | Ariz.             |        | striolata Csy. 98–79                               | Colo.        |
|            | lodingi Dury 17–6                                | Ala.              |        | fraterna Csy. 98–80                                | Utah         |
|            | cornuta Blatch. 10–898                           | Ind. Ohio         |        | macilenta Csy. 98–80                               | Cal.         |
|            | huachucæ Dury 17–8                               | Ariz.             |        | versicolor Csy. 98–80                              | Cal. So.Cal. |
|            | falli Blatch. 10–898                             | Ind. O. Ala.      | 79.    | crcberrima Mellié 48–357                           | La. Pa. Tex. |
|            | serricollis Dury 17–9<br>confusus Blatch. 10–899 | Or.               | 00     | • 0 00 01                                          | Ind.         |
|            | hystricula Csy. 98–82                            | Ind. Ala.<br>Cal. |        | mormonica Csy. 98–81                               | S.W.Utah     |
|            | cylindricus Dury 17–8                            | Or.               |        | horridula Csy. 98–81                               | Pa.          |
|            | wenzeli Dury 17–8                                | Pa.               |        | vitula Mann. 43–299                                | Cal. So.Cal. |
|            | julichi Dury 17–7                                | N.Y. City         | 00.    | caseyi Dalla Torrc 11-8<br>illustris    Csy. 98-81 | Cal.         |
|            | floridæ Dury 17–9                                | Fla.              | 21     | congesta Csy. 98–82                                | La.          |
|            | blatchleyi Dury 17–7                             | Fla.              |        | duplex Csy. 98–82                                  | Cal. So.Cal. |
|            | frosti Dury 17–9                                 | Mass.             |        | montana Csy. 98–82                                 | Mont.        |
|            |                                                  |                   |        |                                                    |              |

| Cis Latr.                             |              | Brachycis Csy. 98-86           |                |
|---------------------------------------|--------------|--------------------------------|----------------|
|                                       | VancNo.Cal.  | 13009. brevicollis Csy. 98–87  | N.Y.N.Ill.Ala. |
| · · · · · · · · · · · · · · · · · · · | N.Y.         |                                |                |
|                                       | Fla.         | Plesiocis Csy. 98-87           |                |
|                                       | Ala. Ind.    | 13010. cribrum Csy. 98–87      | Cal.So.Cal.    |
| — americanus Mann. 52–360             |              |                                |                |
|                                       | U.S.& Guat.  | Sulcacis Dury 17-20            |                |
|                                       | N.Am.        | 13011. lengi Ďury 17–21        | Vt. Ohio, N.J. |
|                                       | La.          | 12. niger Dury 17-21           | So.Ill.Pa.     |
| — ephippium Mann. 53-234              |              | · ·                            |                |
| — minutissimus Mell. 48–334           |              | Diphyllocis Reit. 85–209       |                |
|                                       | N.Am.        | (Maphoca Csy. 00–165)          |                |
|                                       | N.Am.        | 13013. blaisdelli Csy. 00–166  | Cal.           |
| — tetracentrum Gorh.86–357            |              |                                |                |
|                                       | La.          | Ennearthron Mellić 47-110      | E.U.S.         |
| - tridentatus Mann. 52–360            | La.          | (Entypus Redt. 47–350)         | 11.0.0.        |
|                                       | N.Am.        | 13014. transversatumKraus 08–7 | 9Va Fla Tex    |
|                                       | Alas.        | 15. pallidum Kraus 08–79       | Fla.           |
| ragi waiti 59-224                     | Alas.        | 16. annulatum Kraus 08–80      | Cuba, Fla.?    |
| Sphindocis Fall 17–170                |              | 17. piccum Csy. 98–88          | Tex. La.       |
|                                       | Cal.         | 18. thoracicorne Zicgl. 44–270 |                |
|                                       |              | mellyi Mell. 48–369            | N.Am.          |
| Orthocis Csy. 98–84                   |              | unicolor Csy. 84–37            | L.I.           |
|                                       | MassGa.Ind.  | ?thoracicus ‡ Dalla Torre      |                |
| O                                     | Pa. Fla.     | 19. oblongus Blatch. 10–900    | Ind.           |
|                                       | Cal.         | 20. laminifrons Csy. 98–89     | La.            |
|                                       | Fla.         | 21. grossulum Csy. 98–89       | So.Cal.        |
| 96. pulcher Kraus 08–78               | Fla.         | 22. californicum Csy. 84–36    | Cal.           |
| Xestocis Csy. 98-85                   |              | 23. discolor Csy. 98–89        | Cal.           |
|                                       | Nfld.Can.Pa. | 24. compactum Dury 17–22       | Fla. Tex.      |
|                                       | Fla.Ind.Ia.  | 25. convergens Csy. 98–89      | Cal. So.Cal.   |
|                                       | S.I.         | 26. oregonus Dury 17–23        | Or.            |
|                                       | R.IAla.      | 27 coloradense Dury 17–23      | Colo.N.Mex.    |
|                                       | Ohio-Ala.    | 28. pullulum Csy. 98–90        | Fla.Ala.       |
|                                       | Pa.O.Va.     | 29. unicorne Csy. 98–90        | Fla.           |
|                                       | Or.          | — hirtus Sturm 43–232          | Am.Bor.        |
| *                                     |              | — verrucosus Sturm 43–232      | Am.Bor.        |
| 04. biarmata Mann. 52–360             | Alas.B.COr.  |                                |                |
| bicarinatus ‡ Henshaw No.             | 5391         | Ceracis Mellié 48–375          |                |
| 05. quadridentatus Dury 17-17.        |              | 13030. sallei Mell. 48–377     | CanTex.Ind.    |
| 06. insolens Csy. 98–86               | Pa.          | 31. schæfferi Dury 17–26       | Tex.           |
| 07. castlei Dury 17–17                | Ohio         | 32. similis Horn 94–391        | L.Cal.         |
| Stains -: D 17 10                     |              | 33. bifoveatus Dury 17–27      | Ohio           |
| Strigocis Dury 17-19                  | ONTAL        | 34. punctulata Csy. 98–90      | Fla. Ala.      |
| 13008. opacicollis Dury 17–19         | O.N.J.Ala.   | 35. minuta Dury 17–26          | Fla.           |
|                                       |              |                                |                |

# OROPHIINÆ

Thoms. 63–195

| Octotemnus Mellié 47–108    | •        | Octotemnus Mellié       |               |
|-----------------------------|----------|-------------------------|---------------|
| ?Orophius Redt. 49–350      |          |                         | R.I. Pa. Ind. |
| 13036. denudatus Csy. 98–91 | VancCal. | ?pumicatus Mell. 48–333 | La.           |

st The number 13003 was accidentally omitted.

# **SCARABÆOIDEA**

# **SCARABÆIDÆ**

#### COPRINÆ

SCARABÆINI

Harold 59-74; Horn 70; Blanchard 85

| n                               | arold 59-74; Hor        | m 70; Blanchard 85                                    |                               |
|---------------------------------|-------------------------|-------------------------------------------------------|-------------------------------|
| Canthon Hffsg. 17-38            |                         | Canthon Hffsg.                                        |                               |
| 13038. nigricornis (Say) 23–207 | MassFla.<br>Tex.Kan.Ga. | 13048. lævis (Drury) 70–79<br>hudsonias (Forst.) 81–3 | AtlAriz.Inq.<br>[Fla. So.Cal. |
| a. punctaticollis Schffr. 15-50 | Fla. [Ind.              | obtusidens Ziegl. 44–45                               | S.C.                          |
| 39. cbenus (Say) 23–208.        | MeTex.Kan.<br>Ariz.     | pilularius (L.) 58–349<br>volvens (Fab.) 92–66        | Md.<br>N.Y.                   |
| 40. depressipennis Lee. 59–11   | Ga. FlaDak.             | a. viridescens Horn 70–47                             | Fla.                          |
| 41. praticola Lec. 59–10        | Kan.Neb.Ariz.           | 49. obliquus Horn 94–393                              | L.Cal.                        |
| 42. probus (Germ.) 24–98        | Ga.KyFla.               | 50. chalcites Hald. 43–304                            | Mo. Kan. Ind.                 |
| abrasus Lec. 59–10              | Kan.                    | 51. humectus Say 32–4                                 |                               |
| 43. puncticollis Lec. 66–381    | N.Mex.Ariz.             | a. gagatinus Harold 63–173                            | ArizGuat.                     |
|                                 | Cal.                    | b. indigaceus Lec. 66–380                             | Ariz.                         |
| a. integricollis Schffr. 15–50  | Tex.Ariz.               | 52. viridis (Beauv.) 05–23                            | U.S.& Mex.                    |
| 44. lecontei Harold 68–110      | Tex.N.Mex.              | obsoletus (Say) 23–208                                | Pa. [Ind. Fla.                |
| 45. simplex Lec. 57–41          | Or.So.Cal.              | viridicatus (Say) 35–173                              |                               |
|                                 | Ariz.                   | 53. perplexus Lec. 47–85                              | Tex. IllMex.                  |
| a. corvinus Harold 68–129       | Cal.Ariz.Colo.          | _                                                     | Ind. So.Cal.                  |
|                                 | Utah                    | Deltochilum Esch. 22–37                               |                               |
| b. humcralis Horn 70–46         | So.Cal.Id.              | 13054. gibbosum (Fab.) 75–28                          | So.St.Fla.                    |
| c. militaris Horn 70–46         | Cal. [Vanc.             | 55. scabriusculum Bates 88–39                         | Tex.                          |
| 46. cyanellus Lec. 59–10        | TexMex.                 |                                                       |                               |
| 47. vigilans Lec. 58–16         | Mich.PaTex.             | Megathopa Esch. 22-34                                 |                               |
|                                 | Colo.                   | 13056. yucateca Harold 63–173                         | Mex. Tcx.                     |
|                                 |                         |                                                       |                               |
|                                 | Copr                    | INI                                                   |                               |
| Hor                             | n 75; Blanchard 8       | 5; Schaeffer 06, 14                                   |                               |
| Choeridium Serv. 25–356         |                         | Copris Geof.                                          |                               |
| 13057 historoides (Web.) 01-37  | Conn Ind                |                                                       | Toy Moy                       |

| Choeridium Serv. 25–356               |                | Copris Geof.                                            |               |
|---------------------------------------|----------------|---------------------------------------------------------|---------------|
| 13057. histeroides (Wcb.) 01–37       | Conn. Ind.     | 13068. mœchus Lec. 54–222                               | Tex. Mex.     |
| capistratum (Fab.) 01–62              |                |                                                         | So.Cal. Ariz. |
| 58. lecontei Harold 68–42             | Fla. Ariz.     | Phanæus MacL. 19–124                                    |               |
|                                       |                | 13069. pluto Harold 63–164                              | Ariz. Mex.    |
| Pinotus Er. 47–108                    |                | morio Lec. 63-36                                        |               |
| (Brachycopris Hald. 45–13             |                | 70. quadridens (Say) 35–176                             | Ariz. Mex.    |
| 13059. carolinus (L.) 67–545          | Fla. Pa.& So.& | violaceus Lap. 40-81                                    |               |
|                                       | S.W.St. Ind.   | 71. difformis Lec. 47–86                                | Tex. N.Mex.   |
| 60. colonicus (Say) 35–174            | Tex. Mex.      |                                                         | Fla.          |
| bituberculatus Harold 69-             | -127           | 72. carnifex (L.) 67–546                                | Atl.StColo.   |
| — ?texanus Felsche 01–139             |                | vindex MacL. 19–133                                     | [Ind. Fla.    |
| <b>a</b>                              |                | 73. triangularis (Say) 23–206                           | Mo. Kan. Tex. |
| Copris Geof. 62–87                    | TAI            | a. torrens Lec. 47–85                                   | Mo. Ind.      |
| 13061. gopheri Hub. 94–310            | Fla.           | 74. igneus MacL. 19–133                                 | Ga. Fla.      |
| 62. minutus (Drury) 73–78             | CanFla. Ind.   | a. nigrocyaneus MacL. i litt.                           |               |
| ammon Fab. 81–24                      | [Tex.          | 75. mexicanus Harold 63–171                             | Ariz. Mex.    |
| lar Fab. 87–13<br>reflexus Panz. 94–7 |                | Onthonhouse I - + 07 141                                |               |
| silenus Fab. 75–21                    |                | Onthophagus Latr. 07–141                                | Kan. Tex.     |
| 63. incertus Say 35–175               | Mex.           | 13076. coproides Horn 81–79                             | Fla.          |
| a. prociduus Say 35–176               | Micx.          | 77. polyphemi Hub. 94–311<br>78. subæneus Beauv. 05–105 | Ind.          |
| 64. arizonensis Schffr. 06–254        | Ariz.          | 79. velutinus Horn 75–140                               | L.Cal. Ariz.  |
| 65. tullius Oliv. 89–118              | CanTex. Ind.   | 80. hecate Panz. 94–5                                   | CanFla. Tex.  |
| anaglypticus Say 23–204               | [Fla.          | hastator Fab. 01–31                                     | Mo. [Ind.     |
| 66. inemarginatus Blatch. 18-         |                | latebrosus Fab. 01–34                                   | S.C.          |
|                                       | Fla.           | obtectus Beauv. 05–2                                    | S.C.          |
| 67. remotus Lec. 66–381               | Tex. Mex.      | sayi Cast. 41–87                                        | S.C.          |
| 1-                                    |                | 211/2 12 12 12 12 12 12 12 12 12 12 12 12 12            |               |

<sup>&</sup>lt;sup>1</sup> Brachycopris apparently antedates Pinotus, but as Mr. Schwarz has informed me that Holocephalus Hope 1838 has also to be considered I have made no change.

| Onthophagus Latr.                |                | Onthophagus Latr.               |               |
|----------------------------------|----------------|---------------------------------|---------------|
| 13081. guatemalensis Bates SS-73 | Tex.           | 13087. eribricollis Horn 81–76  | KanTex.Ind.   |
| 82. orpheus Panz. 94–5           | Fla. N.Y. Wis. | S8. nuchicornis(L.) 58–547      | †Eur. N.S.    |
| •                                | Mont. Ind.     |                                 | N.Y.N.J.Nfld. |
| 83. arizonensis Schffr. 09–382   | Ariz.          | rhinoceros Melsh. 46–134        | Pa. N.B. R.I. |
| 84. janus Panz. 94–5             | E.U.S. Ct.Ind. |                                 | Sib.          |
| canadensis Fab. 01–34            | [Fla.          | 89. lecontci Harold 68–115      | MexAriz.      |
| concinnus Cast. 40–87            |                | 90. tuberculifrons Harold 73–1  | 15            |
| cervicornis Kby. 25–565          |                |                                 | N.YFla. Ind.  |
| protensus Melsh. 46–134          | Pa.            | 91. anthracinus Harold 76-104   | MexTex.       |
| niger Melsh. 46–134              |                |                                 | Ariz.         |
| a. striatulus Beauv. 05–92       | E.U.S. Ind.    | 92. landolti Harold 80–34       | TexS.Am.      |
| scabricollis Kby. 37–126         |                | 93. texanus Schffr. 14–299      | Tex.          |
| castaneus Melsh. 46–134          |                | 94. brevifrons Horn S1–76       | Kan. Tex.     |
| 85. nigrescens Blatch. 16–94     | Fla.           |                                 |               |
| 86. pennsylvanicus Har. 73-11    | 15             | Oniticellus Serv. 25–356        |               |
| •                                | CanFla. Tex.   | 13095. californicus Horn 82–118 | Cal.          |
|                                  | Ind.           | 96. cubiensis Cast. 41–92       | Cuba, Fla.    |
|                                  |                |                                 |               |

## **AEGIALIINÆ**

# Horn 87; Schmidt 12

| Aegialia Latr. 07-96         |              | Aegialia Latr.              |                 |
|------------------------------|--------------|-----------------------------|-----------------|
| 13097. rufescens Horn 87–99  | L.Sup. Nev.  | 13102. conferta Horn 71–294 | Ind. Ill. Wash. |
| rufa    Lec. 78–610          |              |                             | So.Cal. Ga.     |
| 98. cylindrica (Esch.) 22–11 | Alas. Wash.  | 03. latispina Lec. 78–611   | So.Cal.         |
| 99. lacustris Lec. 50–225    | L.Sup. Colo. | 04. opifex Horn 87–99       | Mass.           |
| ?exarata Mann. 53–219        | [Nfld.       | 05. crassa Lec. 57–42       | Cal. So.Cal.    |
| 13100. blanchardi Horn 87–99 | Mass. N.C.   | 06. spissipes Lec. 78–611   | L.Sup. Mass.    |
| 01. pusilla Horn 87–99       | Wash.        | • •                         | •               |

#### APHODIINÆ

Horn S7; Schmidt 10

| Horn 87; Schmidt 10                                                                                                                                |                                                             |                                                                                                                                                                                         |                                                                    |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--|
|                                                                                                                                                    | Арно                                                        | DDIINI                                                                                                                                                                                  |                                                                    |  |
| Aphodius Ill. 98-15<br>(Teuchestes Muls. 42-176)                                                                                                   |                                                             | Aphodius Ill.                                                                                                                                                                           |                                                                    |  |
| 13107. fossor (L.) 58–348                                                                                                                          | †Eur.Sib.Can.<br>N.Eng. N.Y.<br>Nfld. N.H.<br>Mich. Ia. Pa. | 13115. crassulus Horn 70–118<br>16. crassuloides Fall 07–243<br>17. abusus Fall 07–242<br>18. bidentatus Schm. 06–201                                                                   | FlaTex.<br>N.Mex.<br>Tex.<br>Colo.                                 |  |
| ( <i>Diapterna</i> Horn 87–3)<br>08. validus Horn 70–112<br>09. hamatus Say 23–277                                                                 | H.B.T.<br>McOr.<br>N.Mex. Ind.                              | bidens    Lec. 78–453<br>19. fimetarius (L.) 58–348<br>nodifrons Rand. 38–20                                                                                                            | Nfld. † Eur.<br>Sib. Can-Tex.<br>Me. [Ind.                         |  |
| concavus ‡ Hald. 48–103<br>pinguis Hald. 48–103<br>angularis Lec. 50–225<br>hyperboreus Lec. 50–225<br>omissus Lec. 50–225<br>torpidus Horn 70–114 | Fla.                                                        | 20. sigmoideus VanD. 18-9<br>21. congregatus Mann.53-219<br>arcticus Harold 63-361<br>22. aleutus Esch. 22-27<br>ursinus Mots. 45-365                                                   | Wash. No.Cal. Alas. Sib. Colo. Cal. Alas. Wash. Or.                |  |
| sagittarius Harold 60–615<br>a. occidentalis Horn 70–114                                                                                           | : 57                                                        | 23. putridus (Hbst.) 89–160<br>foetidus (Fab.) 92–40                                                                                                                                    | N.Mex. †Eur.Sib.Atl [Colo.N.Mex.                                   |  |
| (Colobopterus Muls. 42–16<br>10. erraticus (L.) 58–345                                                                                             | †Eur. Sib.<br>M.St. Md.                                     | tenellus Say 23–213<br>24. duplex Lec. 78–454<br>25. neotomæ Fall 07–243                                                                                                                | Colo.<br>So.Cal.                                                   |  |
| pcnsvallensis Melsh. 46-15 11. hæmorrhoidalis (L.) 58-34 a. humeralis Muls. 42-174 (Aphodius s. str.) A.                                           | 48<br>†N.Y. N.J.<br>N.Y. N.J.                               | 26. pectoralis Lec. 57–41 27. ruricola Melsh. 46–136 curtus Hald. 48–105 a. aurelianus Harold 63–375 28. sallei Harold 63–336 29. anthracinus Lec. 78–455 30. arizonensis Schffr. 07–61 | CalAlas. Nfld.Can [Tex.Ind.Fla. So.St. Mex. Tex. Utah, Ariz. Ariz. |  |
| 12. denticulatus Hald. 48–104<br>13. moquinus Fall 07–242<br>14. conspersus Horn 87–9                                                              | Ariz.<br>Cal.                                               | C. 31. granarius (L.) 58-457                                                                                                                                                            | †Cosmop.Ind.                                                       |  |

| Aphodius Ill.                                                          |                            | Aphodi       | ius Ill.                                            |                             |
|------------------------------------------------------------------------|----------------------------|--------------|-----------------------------------------------------|-----------------------------|
|                                                                        |                            |              | consentaneus Lec. 50–255                            | CanN.Mex.                   |
|                                                                        | lal.<br>S.&Can.            |              | woleotti Blatch. 10–932<br>luteolus Horn 87–40      | Ind.<br>N.Mex.              |
| spretus Hald. 48–106                                                   | [Ariz.                     |              | phaleroides Horn 70–131                             | C.I. N.J.                   |
|                                                                        | tlNev.Ariz.                |              | knausi Fall 05–130                                  | Kan.                        |
|                                                                        | nd.So.Cal.<br>olo.         |              | kansanus Wickh. 05–169<br>larreæ Horn 87–41         | Tex. Ariz.                  |
| niger    Ckll. 88-6                                                    |                            |              | parcus Horn 87–42                                   | E. Fla.                     |
| b. nigromarginatus Ckll.88-6 Co                                        | olo.<br>las. Lab.          |              | ægrotus Horn 70–127                                 | Fla.N.C.                    |
| 33. guttatus Esch. 23–97 Ala<br>D.                                     | ias. Lao.                  |              | dentiger Lee. 58–65<br>eoloradensis Horn 70–130     | S.W.Tex.Ariz. Colo.Ariz.    |
|                                                                        | la.†So.St.                 | 80.          | bicolor Say 23–212                                  | CanTex.Ind.                 |
| $\mathbf{W}_{i}$                                                       | V.I. Ariz.Ind.             |              | luxatus Horn 87–46                                  | So.Cal.Ariz.                |
|                                                                        | o.Cal.<br>la.Eur.Sib.      |              | serval Say 37–167<br>steinheili Harold 69–100       | M.StTex. [Ind.              |
| E.                                                                     | 14.1341.010.               | 83. 1        | ungulatus Fall 01–254                               | So.Cal.                     |
|                                                                        | o.Cal.                     |              | distinctus (Müll.) 76–53<br>inquinatus (Hbst.) 84–6 | †Eur.Atl<br>Sib. [Colo.Ind. |
| rugifrons    Horn 71–295                                               |                            |              | maculipennis Melsh. 44–13                           |                             |
| F. 37. obtusus Lec. 78–454 Co                                          | olo.Wy.                    | 85. <u>j</u> | pardalis Lec. 57–41                                 | So.Cal.Vanc.                |
|                                                                        | al. So.Cal.                |              | leopardus Horn 70–124<br>Inutilis Horn 87–50        | Me.E.Can.<br>Cal.Or. [Nfld. |
| 39. subæneus Lec. 57–41. Ca                                            | al.So.Cal.                 |              | pumilio Schm. 07–201                                | N.Mex.                      |
|                                                                        | IontSo.Cal.<br>.C.         | ĵ            | pumilus    Horn 87–50                               | 3.5.0 m                     |
| 41. rotundiceps Fall 07–244 N.:<br>G.                                  |                            |              |                                                     | M.StTex.<br>N.Mex. [Ind.    |
| •                                                                      | ev.No.Cal.                 |              | eruentatus Lec. 78–456                              | Ariz. N.Mex.                |
| 43. gentilis Horn 87–24 Ca                                             |                            | 92. r        | rufipes (L.) 58–353                                 | N.C.†Md.Pa.                 |
| 44. cribratus Lec. 78–455 So. Or                                       | o.&No.Cal.<br>r.           | 93. 6        | depressus (Kug.) 92–262                             | Eur. Sib. †N.Y.?Eur.        |
| H.                                                                     |                            | 00. (        |                                                     | Sib.                        |
| 45. columbiensisWickh.13–29 B.0                                        | .C.<br>al. Vanc.           | 04 a         | K.<br>scabriceps Lec. 78–457                        | Colo.                       |
|                                                                        | ar. vanc.<br>[.&So.St.Fla. |              |                                                     | Colo.<br>Tex. Man.          |
| corvinus Hald. 48–104 8                                                |                            | 96. ε        | asellus Schm. 07–201                                | Tex.                        |
|                                                                        | .C. Ga.<br>la.Pa.Ga.Ill.   |              | nanus    Horn 87–55<br>acerbus Horn 87–56           | Tex.                        |
|                                                                        | lass. Ind.                 | 01. 6        | L.                                                  | Tex.                        |
| 50. decipiens Horn 87–28 Ne                                            | ev.                        | 98. r        |                                                     | Can.Pa.Md.                  |
| I. 51. explanatus Lec. 78–457 Col                                      | ala                        | 99. s        |                                                     | Colo.Neb.                   |
|                                                                        |                            | 13200. v     |                                                     | Ariz.<br>Ill.Kan.Ind.       |
| 53. rudis Lee. 78–458 Col                                              | olo.                       |              | emoralis Say 23–215                                 | MassTex.                    |
| 54. phæopterus Lec. 78–456 Mc<br>55. brevicollis Lec. 78–455 Ne        | lont.Id.<br>eb. [Wash.     | 09 =         |                                                     | Ind.<br>†Me.Can. Eur.       |
| 56. depressiusculus Schm. 07–201                                       |                            |              |                                                     | S.W.Tex. [Sib.              |
| Ne <sup>-</sup>                                                        | ev.                        |              | M.                                                  |                             |
| marginatus    Lec. 78–456<br>57. ochreipennis Horn 71–295 So.          | o.Cal.                     |              |                                                     | PaColo.Ind.                 |
| 58. haldemani Horn 87–33 Te                                            | ex.Kan.                    |              | padipes Melsh. 44–135<br>parsus Lec. 78–458         | Cal.                        |
| politus    Horn 70-128<br>59. rubeolus Beauv. 05-90 Ma                 | ass.Mo.Tex.                |              |                                                     | Cal.                        |
| copronymus Melsh.44–136                                                | [Ind.Fla.                  |              |                                                     | Cal.                        |
| 60. iowensis Wickh. 13–28 Iow                                          |                            |              |                                                     | Mich.Md.<br>N.C. Mass.      |
| 61. campestris Blatch. 12–330 Fla<br>62. stercorosus Melsh. 44–136 Atl | a.<br>L-Dak Ind            |              | *                                                   |                             |
| 63. troglodytes Hub. 94–310 Fla                                        |                            |              |                                                     | Wash.                       |
| 64. concavus Say 23–214 Ga                                             | aColo.Fla.                 |              | adaverinus Mann.43–261<br>nnexus Say 37–177         | Cal.<br>Mex.                |
| lævigatus Hald. 48–103<br>65. rubidus Lec. 57–41 Cal                   | al.Ariz.                   |              | lavocinetus Harold 60–614                           |                             |
| So.                                                                    | o.Cal.                     | n            | nigrieans Westw. 43–93                              | Am.                         |
|                                                                        | al. Nev.                   |              | 10 Coat 40 00                                       |                             |
|                                                                        |                            |              | <b>1s</b> Cast. 40–98<br>ilvestris (Scop.) 63–5     | †Eur. N.Y. Pa.              |
| 68. æmulus Horn 87–38 So.,                                             | Ariz.                      | p            | porcatus (Fab.) 75–20                               | ,                           |
| 69. rubiginosus Horn 70–127 Ari                                        | 1Z.                        | O            | pacifrons Horn 71–284                               |                             |

# EUPARIINI

| Euparia Serv. 25–357          |                 | Atænius Harold                   |                |
|-------------------------------|-----------------|----------------------------------|----------------|
| 13211. castanca Serv. 25–357  | Fla. Ala. La.   | 13224. wenzeli Horn 87–77        | N.JFla.        |
|                               |                 | 25. ovatulus Horn 71–286         | PaLa. Fla.     |
| Atænius Harold 67–100         |                 | 26. gracilis (Melsh.)44–137      | Ind.MassFla.   |
| 13212. insculptus Horn 87–70  | Fla.            |                                  | So.Cal. Ariz.  |
| sculptilis ‡ Lec. 78–402      |                 | 27. figurator Harold 74–24       | Ga. La. Tex.   |
| 13. cylindrus Horn 71–289     | N.CFla.         | 28. robustus Horn 71–285         | Wis. Mo. Kan.  |
| horni Harold 74–19            |                 | 29. oblongus Horn 71–286         | Cal.           |
| 14. lecontei Harold 74–20     | D.CLa. Ind.     | 30. inquisitus Horn 87–81        | S.W.Tex.Fla.?  |
| 15. lucanus Horn 71–288       | L.Cal.          | 31. strigatus (Say) 23–212       | GaColo. Fla.   |
| 16. abditus (Hald.) 48–106    | Fla.Mass.Ariz.  | spretulus (Hald.) 48–106         |                |
|                               | So.Cal. Ind.    | 32. stercorator (Fab.) 81–22     | Fla.           |
| attenuator Harold 74–22       | So.Am.          | 33. cognatus (Lec.) 58–65        | Fla. N.Eng     |
| a. texanus Harold 74–23       | Tex. Ariz.      |                                  | Mcx.Ariz.Ind.  |
| confertus Fall 09–162         | L.Cal.          | 34. californicus Horn 87–84      | So.Cal. Ariz.  |
| 17. desertus Horn 71–289      | Utah, Ariz.     | 35. lobatus Horn 71–287          | Ariz. L.Cal.   |
|                               | So.Cal.         | 36. hirsutus Horn 71–288         | Ariz. [So.Cal. |
| 18. inops Horn 87–73          | Ariz. Tex. Ind. | ?haroldi Steinh. 72–556          | San Luis, Mex. |
| 19. læviventris Horn 87–74    | So.Ariz.        |                                  |                |
| 20. imbricatus(Melsh.)44–136  |                 | Dialytes Harold 69–101           |                |
| sordidus Harold 69–103        | [Fla.           | 13237. truncatus (Melsh.) 46–135 | CanMd.         |
| 21. alternatus (Mclsh.)44–147 |                 | corvinus (Hald.) 48–104          |                |
|                               | Ind.            | 38. ulkei Horn 75–141            | CanMd.         |
| 22. socialis Horn 71–287      | Ga. La. Tex.    | 39. striatulus (Say) 25–192      | Can. Md. Ill.  |
| 23. puncticollis Lcc. 68-66   | Tex.            | cribrosus (Lec.) 50–225          |                |
|                               |                 |                                  |                |

# PSAMMOBIINI

| Psammobius Heer 41–531<br>(Psammodius ‡ auct.) |               | Rhyssemus Muls.<br>13252. californicus Horn 71–290 | So.Cal. Ariz.   |
|------------------------------------------------|---------------|----------------------------------------------------|-----------------|
| 13240. cruentus Harold 67–282                  | Ga. Fla.      |                                                    | Ga. Fla.        |
| bidens Horn 71–293                             |               | 53. sonatus Lec. 81–77                             | Ill. Kan. Colo. |
| 41. schwarzi Linell 96–721                     | Fla.          |                                                    | Mont.           |
| 42. ægialioides Hald. 48–107                   | N.YGa.        |                                                    |                 |
| 43. quinqueplicatus Horn 71-2                  | 292           | Trichiorhyssemus Clouet 01-15                      |                 |
| * * *                                          | Ariz.Tex.Mex. | 13254. riparius (Horn) 71–290                      | Ariz.           |
| 44. interruptus Say 35–178                     | Ind. M.St.    | cælatus (Lec.) 81–77                               | Wy. N.Mex.      |
|                                                | Dak. Tex.     |                                                    |                 |
| 45. cælatus (Lec.) 57–42                       | Cal So.Cal.   | Pleurophorus Muls. 42–312                          |                 |
| 46. desertus Van D. 18–10                      | So.Cal.       | 13255. cæsus (Creutz) 96–35                        | Cosmop. Md.     |
| 47. hydropicus Horn 87–97                      | Ga.           |                                                    | D.C. Ind.       |
| 48. ?clypeatus (Say) 23–228                    | N.W.Terr.     | rugiceps (Dury) 02-154                             | Ohio            |
| 49. ?ambiguus Fall 07–241                      | Tex.          | 56. parvulus Chev. 64–415                          | W.I. Mcx.       |
| 50. ?grundeli VanD. 18–10                      | Cal.          | nanus ‡ (Horn) 87–96                               | Mass.Mich.      |
|                                                |               |                                                    | CalTex.Ariz.    |
| Rhyssemus Muls. 42–314                         |               |                                                    | So.Cal.         |
| 13251. scaber Hald. 48–107                     | E. & M.St.    | 57. ventralis Horn 87–92                           | Can. D.C. Ind.  |

# OCHODÆINÆ

Horn 68, 76; Fall 09; Arrow 12

| Ochodæus Serv. 25–360<br>13258. pectoralis Lec. 68–51<br>59. gnatho Fall 07–247<br>60. simplex Lec. 54–222<br>61. planifrons Schffr. 06–269<br>62. ulkei Horn 76–182<br>63. musculus (Say) 37–178<br>opacus Lec. 68–51 Q | N.Mcx. Ariz. N.Mex. Ariz. TcxNev. Ariz. [Ariz. Nev. Mich. Man. [Kan. Ind. | Ochodæus Serv. 13268. peninsularis Horn 95–224 69. californicus Horn 95–224 70. præsidii Batcs 87–106 71. repandus Fall 09–36 72. nimius Fall 07–248 73. frontalis Lec. 63–76 complex Lec. 68–51 | L.Cal.<br>So.Cal.<br>Mcx. Ariz.<br>Ariz. [N.Mex.<br>N.Mex.<br>Tex. (Fla.?)<br>N.Mex. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| americanus Westw. 52–66 64. striatus Lec. 54–222 65. inarmatus Schffr. 06–270 66. kansanus Fall 09–34 67. biarmatus Lec. 68–51                                                                                           | Ariz. N.Mex.<br>Ariz.<br>Kan. N.Mex.<br>Kan. Tex.<br>N.Mex. Ariz.         | 74. mandibularis Linell 95–723 75. sparsus Lec. 68–51 76. ?estriatus Schffr. 06–271 — duplex Lec. 68–51                                                                                          | N.Mex. Colo. Cal. [Ariz. Tex.                                                        |

## HYBOSORINÆ

#### Arrow 12

| Hyboso | rus MacL. 19-120      |
|--------|-----------------------|
| 13277. | illigeri Reiche 53–88 |
|        | carolinus Lec. 48–84  |
|        | arator Ill. 03–210    |

## Pachyplectrus Lec. 74–53 Eur. So.St. 13278. lævis Lec. 74–54

So.Eur. So.St. Asia, Africa So.Cal. Ariz.

#### GEOTRUPINÆ

Schaeffer 06; Boucomont 12

#### Bolbocerini

| Bolboceras Kby. 18–459                                                                                                                                         | Odontæus Klug 43–37                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| (Bradycinetus    Horn 71–334)                                                                                                                                  | 13285: corniger (Melsh.) 44-138 M.& C.St.Ind.                                                                                  |
| (Bradycinetulus Ckll. 06–242)                                                                                                                                  | Fla.                                                                                                                           |
| 13279. horni Rivers 86–61 Cal.                                                                                                                                 | 86. filicornis (Say) 23–211 M.& C.St.Ind.                                                                                      |
| 80. minor Linell 95–723 Tex.                                                                                                                                   | 87. obesus Lec. 59–282 Cal. [Fla.                                                                                              |
| (Amechamus Horn 70–42) 81. fossatus (Hald.) 53–362 Tex. (Mo.?) 82. ferrugineus (Beauv.) 05–90 Fla. furcicollis Cast. 40–104 83. serratus Lec. 54–80 Tex. Ariz. | Bolbocerosoma Schffr. 06–254 13288. farctum (Fab.) 75–14 AtlColo. Ind. cephus (Fab.) 75–18 [Fla. a. tumefactum (Beauv.) 05–91  |
| a. peninsularis Schffr. 06–249 L.Cal. [So.Cal. 84. schaefferi Boucm. 10–347 Ariz. L.Cal. carinatus    Schffr. 06–249                                           | Eucanthus Westw. 52–26         13289. lazarus (Fab.) 75–11       AtlColo. Ind.         melibœus (Fab.) 92–20       [Fla. Ariz. |

#### GEOTRUPINI

# Jekel 65; Horn 68; Blanchard 88; Boucomont 12

| 00222                                                                                                          | ,                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| lecontei Jek. 65–592 ♀                                                                                         | Conn. E.St.  Mass. D.C. N.C. 5) Fla.  U.S. Ind. Fla. [Conn. N.Am.  ConnFla. Mass. | Geotrupes Latr.  haldemani Jek. 65–593 N.Am.  13297. ulkei Blanch. 88–106 Va.  (Onychotrupes Jek. 65–605)  98. semiopacus Jek. 65–612 N.Am. Conn. blackburni ‡ Melsh. 44–139 melsheimeri Jek. 65–613 ♀ N.Am. ovalipennis Jek. 65–614 ♀  99. splendidus (Fab.) 75–18 E.U.S.Ind.Flablackburni ‡ Beauv. 05–75 [Conn. gilnicki Jek. 65–608 ♀ Haiti starki Jek. 65–609 ♀ N.Am. miarophagus Say 23–210 a. mixtus Horn 68–316  (Mycotrupes Lec. 66–381) | a. |
| lecontei Jek. 65–592 \( \text{95. occidentalis Horn } 80–144 \) 96. opacus Hald. 53–362 chevrolati Jek. 65–595 |                                                                                   | (Mycotrupes Lec. 66–381) 13300. lethroides Westw. 37–256 So.St. retusus Lec. 66–381 N.C. La. Fla. aeneus Felsche 09–765                                                                                                                                                                                                                                                                                                                          |    |

## PLEOCOMINÆ 1

## Horn 88; Arrow 12

|                               | /              |                                  |               |
|-------------------------------|----------------|----------------------------------|---------------|
| Pleocoma Lec. 56–24           |                | Pleocoma Lec.                    |               |
| 13301. rickseckeri Horn 88-5  | Cal.(Sylvania) | 13308. hirticollis Schauf. 70-51 | Cal. (Nev.    |
| 02. fimbriata Lec. 56–24      | Cal. (El D.    |                                  | City)         |
|                               | Fresno Co.)    | 09. hoppingi Fall 06–394         | Cal. (Kaweah) |
| 03. puncticollis Rivers 89–17 | So.Cal. (Cuya- | 10. ulkei Horn 88–9              | Utah          |
| 1                             | maca Mts.)     | 11. staff Schauf. 70–50          | Cal.          |
| 04. australis Fall 11-65      | Cal. (San      | adjuvans Cr. Check List 7        | 4             |
|                               | Gabriel Mts.)  | edwardsi Lec. 74–83              |               |
| 05. bchrensi Lec. 74–83       | Cal.           |                                  |               |
|                               | (Marin Co.)    | <b>Acoma</b> Csy. 89–165         |               |
| 06. conjungens Horn 88–7      | Cal.(Sta.Cruz) | 13312. brunnea Csy. 89–167       | Tex. Ariz.    |
| 07. badia Fall 17–15          | So.Cal.        |                                  |               |

<sup>&</sup>lt;sup>1</sup> The position of this group is disputed. Some authors place it in Melolonthinæ. See Proc. Ent. Soc. Wash. I, 32. Acoma has, in particular, been placed near Podalasia.

#### GLAPHYRINÆ

## Arrow 12

| Amphicoma Latr. 07–118<br>(Lichnanthe Burm. 44–26<br>(Dasydera Lec. 61–345)         | )                                                    | Amphicoma Latr.<br>13316. edwardsi (Horn) 70–77                                    | Nev.Or.Wash.                                        |
|-------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------|
| 13313. lupina (Lec.) 56–288<br>14. ursina (Lec.) 61–345<br>15. vulpina Hentz 26–374 | N.EngPa.<br>Cal. So.Cal.<br>N.H.N.Eng<br>N.Y.N.C.Ct. | 17. canina (Horn) 64–167<br>18. cooperi (Horn) 67–164<br>19. rathvoni (Lec.) 63–76 | So.Cal.Nev.<br>Or. [Or. Wash.<br>Nev. Cal.<br>Wash. |

#### **ACANTHOCERINÆ**

## Arrow 12

| Clœotus Germ. 43–129 13320. aphodioides (Ill.) 00–10 latipes (Germ.) 24–114 splendidus (Say) 35–13 lævistriatus (Cast.) 40 21. globosus (Say) 35–179 puncticollis (Germ.) 43 | 4 Mex. Ind.<br>80<br>–109<br>N.Y.Ala.Mex. |                                                              | 3–111)<br>Fla.<br>Ga. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------|-----------------------|
|                                                                                                                                                                              | TRO                                       | GINƹ                                                         |                       |
| I                                                                                                                                                                            | Leconte 54; Horn                          | 74; Fall 07; Arrow 12                                        |                       |
| Glaresis Er. 48–925<br>13323. ecostata Fall 07–23<br>24. phoenicis Fall 07–24                                                                                                | So.Cal.<br>Ariz.                          | Trox Fab. 13334. gemmulatus Horn 74–8 35. sonoræ Lec. 54–211 | So.Cal.<br>Kan.Te     |

| Glaresis Er. 48-925                     |                   | Trox   | tab.                          |               |
|-----------------------------------------|-------------------|--------|-------------------------------|---------------|
| 13323. ecostata Fall 07–23              | So.Cal.           | 13334. | gemmulatus Horn 74–8          | So.Cal.       |
| 24. phoenicis Fall 07-24                | Ariz.             |        | sonoræ Lec. 54–211 .          | Kan.Tex.Ariz. |
| 25. inducta Horn 85–117                 | S.W.Tex.          |        | alternans    Lec. 54–212      |               |
| 26. mendica Horn 85–117                 | Ariz.             |        | lecontei Harold 72–156        |               |
| 20:                                     |                   | 36.    | erinaceus Lec. 54–212         | Fla.N.J.Ga.   |
| <b>Trox</b> Fab. 75–31                  |                   | 30.    | 0111100000 200101 212         | Okla. Ind.    |
| (Omorgus Er. 48-932)                    |                   | 37.    | capillaris Say 23–238         | CanN.Mex.     |
| 13327. scutellaris Say 23–238           | Kan.Tex.N.        |        | onputational and              | Ind.          |
| a. texanus Lec. 54–214                  | [Mex. Ariz.       | 38.    | unistriatus Beauv. 05-175     |               |
| b. suturalis Lec. 54–214                | [                 | 30.    | porcatus Say 25–193           | ·             |
| c. umbonatus Lec. 54–214                |                   |        | portuitability 20 100         |               |
| 28. scabrosus Beauv. 05–175             | Atl. to Mo.       | 39.    | sordidus Lec. 54–211          | Can.Ga.Kan.   |
| 20. Scanford Beauti. 00 110             | Ind. Fla.         | 30.    | 50141445 2500 91 211          | Ind.          |
| 29. monachus Hbst. 90–25                | So.StKan.         | 40.    | insularis Chev. 64–416        | Cuba, Fla.    |
| 20. 20. 20. 20. 20. 20. 20. 20. 20. 20. | Tex. Ind. Fla.    | 10.    | foveicollis Harold 72–181     | Ill.Mo.Kan.   |
| tuberculatus    Beauv. 05-              |                   |        | 10 (0.001.15 11.010.14 (2 101 | Ind.          |
| pustulatus Lec. 54–215                  | 110               | 41     | terrestris Say 25–192         | N.JFla.Ohio   |
| 30. asper Lec. 54–215                   | Fla.So.St.Kan.    | ***    | terrestris say 20 102         | Ind.          |
| 00. asper nec. 01 210                   | Ind.Tex.          | 49     | æqualis Say 32–5              | CanLa. Ind.   |
| 31. suberosus Fab. 75–31                | U.S.& Can.        |        | fascifer Lec. 54–213          | Cal.          |
| or. subcrosus rab. 10 or                | Ind.              |        | scaber (L.) 67–573            | Cosmop.Ind.   |
| crenatus Oliv. 90–7                     | So.Cal.Fla.       | тт.    | scaper (L.) 01-515            | Fla.          |
| denticulatus ‡ Beauv. 05–               |                   |        | variolatus Melsh. 46–138      | So.Am.Eur.    |
|                                         | 170 [Ariz.        |        | varioiatus Meisii. 40-136     | Asia          |
| alternatus Say 35–179                   |                   | 45     | atrox Lec. 54–214             |               |
| punctatus ‡ Lec. 54–215                 | So.Atl.St         | 40.    | atrox Lec. 54-214             | Colo.Kan.Ill. |
| 32. punctatus Germ. 24–113              |                   | 40     | laticallia I as 54 010        | Ind.So.Cal.   |
| T - 54 010                              | L.Cal.Ariz.       |        | laticollis Lec. 54–213        | N.Y. [Ariz.   |
| a. morsus Lec. 54–216                   | [So.Cal.          | 47.    | striatus Melsh. 46–137        | Pa.           |
| b. integer Lec. 54–216                  | Ariz.             |        |                               |               |
| c. tesselatus Lec. 54–216               | Ariz.             |        |                               |               |
| 33. tuberculatus (DeG.) 74–33           | 18<br>Po Kon Aria |        |                               |               |
|                                         | Po Kon Ario       |        |                               |               |

## MELOLONTHINÆ

Leconte 56; Dalla Torre 12

#### CHASMATOPTERINI

 Oncerus Lec. 56–283
 Oncerus Lec.

 13348. floralis Lec. 56–284
 Cal. So.Cal.

 0ncerus Lec.
 13349. convergens Horn 94–394

 L.Cal.

.[Ind.

Pa.Kan.Ariz.

serrulatus Beauv. 05–176 canaliculatus Say 24–278

<sup>&</sup>lt;sup>1</sup> This subfamily should probably be raised to family rank.

| Podolasia Harold 69–122<br>(Lasiopus ‡ Lec. 56–282) | <b></b> | Chnaunanthus Burm.<br>13352. discolor Burm. 44–32 | Mex.& L.Cal. |
|-----------------------------------------------------|---------|---------------------------------------------------|--------------|
| 13350. ferruginea (Lec.) 56–283                     | Tex.    | Pseudacratus Dalla Torre 12-7                     |              |
| Chnaunanthus Burm. 44–31                            | Utah    | (Acratus ‡ Horn 67–165)                           | Ariz         |

# SERICINI

# Leconte 56; Brenske 97, 02

| Serica MacL. 19-146                        | Serica MacL.                                 |
|--------------------------------------------|----------------------------------------------|
| (Camptorhina Kby. 37–128)                  | chrysomelina (Gmel.) 88–1566                 |
| (Stilbolemma Harris 26-6)                  | ?variabilis (Fab.) 76–210                    |
| Α.                                         | parallela Csy. 84–176 N.J.                   |
| 13354. vespertina (Gyll.) 17-180 M.S.E.St. | Ind. 13365. curvata Lec. 56–276 Kan. Ariz.   |
|                                            | [Fla. 66. elongatula Horn 70–77 Cal. So.Cal. |
| 55. georgiana Leng 11–214 Ga.              | porcula Csy. 84–177 Ariz.                    |
| 56. evidens Blatch. 19–153                 | 67. mixta Lec. 56–276 So.Cal.                |
| carinata   Blatch. 10-957 Ind.             | 68. alternata Lec. 56–276 So.Cal.            |
| 57. intermixta Blatch. 10–957 Ind.         | 69. anthracina Lec. 56–276 Or.               |
| 58. texana Lec. 56–274 Tex.                | crassata Walk. 66–323 Vanc.                  |
| 59. atratula Lec. 56–274 Tex.              | 70. frontalis Lec. 56–276 Or.                |
| 60. serotina Lec. 56–275 Cal.              | 71. valida Harold 69–123 Cal.                |
| В.                                         | robusta ‡ Lec. 56–276                        |
| 61. iricolor (Say) 24–246 M.St.Fla.        | 72. trociformis Burm. 44–179 N.Am. M.& S.    |
| 62. fimbriata Lec. 56–275 So.Cal.          | trognorms (Unier) 55–415 (St. Ind.           |
| 63. tristis Lec. 50–226 L.Sup.             | ?aphodiina (Billb.) 20–386                   |
| 64. sericea (Ill.) 02–75 N.Am.M.           | 8-S 73. pilifera Horn 94–397 L.Cal.          |
| St.Ind.Fl                                  | — norsulo Blanch bli—82 N Am                 |
| St.IIIu.I                                  |                                              |

## LIPARETRINI

**Hypotrichia** Lec. 62–137 13374. spissipes Lec. 62–137 Fla.

# MELOLONTHINI

| <b>Alobus</b> Lec. 56–273      |                        | Diplotaxis Kby.               |                 |  |
|--------------------------------|------------------------|-------------------------------|-----------------|--|
| 13375. fulvus Lec. 56–273      | N.Y.                   | 13401. haydeni Lec. 56–272    | N.MexMont.      |  |
|                                |                        | innoxia Lec. 56–273           |                 |  |
| Diplotaxis Kby. 37–129         |                        | 02. dentella Fall 09–41       | Ariz.           |  |
| (Orsonyx Lec. 56-265)          |                        | 03. insignis Lec. 61–346      | Utah            |  |
| 13376. sordida (Say) 25–197    | MeGa.Mich.             | 04. belfragei Fall 09–43      | Tex. Utah       |  |
| castanea Burm. 55–262          | $[\operatorname{Ind}.$ | a. sinuata Fall 09–44         | N.Mex. Utah     |  |
| 77., rugosioides Schffr. 07–61 | N.H. N.C.              | 05. atlantis Fall 09–44       | N.HVa.          |  |
| 78. mimosæ Fall 09–22          | So.Ariz.               | 06. sierræ Fall 09–45         | Cal. Nev.       |  |
| 79. popino Csy. 85–179         | So.Ariz.               | 07. parallela Fall 09–46      | N.Mex. Colo.    |  |
| 80. cribrulosa Lec. 56–270     | Tex. [N.Mex.           | 08. obscura Lec. 59–9         | Dak. Alb        |  |
| 81. arizonica Schffr. 07–63    | So.Ariz.               | consequens (Walk.) 66–323     | 2 Vanc. [Colo.  |  |
| 82. bowditchi Fall 09-25       | Mo.                    | a. prominens Fall 09–47       | Colo. Utah,     |  |
| 83. villosa Fall 09–26         | Tex.                   | b. compacta Fall 09-48        | Utah [N.Mex.    |  |
| 84. puberula Lec. 63–80        | Tex. Ariz.             | 09. tristis Kby. 37–130       | 54°N.SMich.     |  |
| 85. brevisetosa Linell 96–400  | Tex.                   | corpulenta Burm. 55–263       | [Ariz.?         |  |
| 86. muricata Schffr. 07–62     | Tex.                   | 10. liberta (Germ.) 24–123    | MassGa.         |  |
| 87. hispida Fall 09–29         | N.Mex.                 | mœsta (Say) 25–197            |                 |  |
| 88. sparsesetosa Schffr. 07-63 |                        | georgiæ Blanch. 50–171        |                 |  |
| 89. knausi Schffr. 07–64       | Nev. Utah,             | 11. subcostata Blanch. 50–271 | l Pa. Fla. Tex. |  |
| 90. fissilabris Fall 09–32     | So.Ariz. [Ariz.        | castanea Burm. 55–262         |                 |  |
| - 91. schæfferi Fall 09–32     | Tex.                   | 12. rufa Linell 95–725        | Ga. Fla.        |  |
| 92. mentalis Fall 09–33        | Tex. N.Mex.            | 13. frontalis Lec. 56–268     | Ga. S.C. Fla.   |  |
| 93. conformis Fall 09–34       | Colo. No.Ariz.         | 14. excavata Lec. 56–267      | S.C. Ga. Fla.   |  |
| 94. residua Fall 09–34         | Id. B.C.               | 15. densicollis Fall 09–52    | S.C. [La.       |  |
| 95. tenebrosa Fall 09–35       | NebWash.               | 16. subangulata Lec. 56–271   | So.Cal. Or.     |  |
| 96. costulata Fall 09–36       | Ariz.                  |                               | Kan.Cal.B.C.    |  |
| 97. brevicollis Lec. 56–267    | VancAriz.              | a. californica Schffr. 07–66  | Cal.            |  |
| nigropicea (Walk.) 66–322      |                        | 17. atratula Lec. 56–270      | N.Mex. Ariz.    |  |
| 98. semifoveata Fall 09–38     | So.Ariz.               | 18. connata Schffr. 05–158    | So.Ariz.        |  |
| 99. parvicollis Fall 09–38     | Colo. N.Mex.           | 19. macronycha Fall 09-55     | N.Mex. Ariz.    |  |
| 13400. levicoxa Fall 09–39     | Utah-Cal.              | 20. pacata Lec. 56–272        | Ariz. So.Cal.   |  |

| Diplot | taxis Kby.                                 |                          | Phyllophogo    | . И:                                       |                         |
|--------|--------------------------------------------|--------------------------|----------------|--------------------------------------------|-------------------------|
|        | fimbriata Fall 09–56                       | Cal.                     | Phyllophaga    |                                            | 0)                      |
|        | brevidens Lec. 56–272                      | Ariz.                    |                | nosterna Hope 37–9<br>osa Lec. 56–234)     | 9)                      |
|        | fossipalpa Fall 09–57                      | Ariz.                    |                | is Lec. 56–262)                            |                         |
|        | illustris Fall 09–58                       | Ariz.                    |                | lonycha Blanch. 45-                        | -216)                   |
|        | beyeri Schffr. 07–66                       | Tex.                     |                | hestes Blanch. 50–14                       |                         |
|        | sulcatula Fall 09–60                       | Tcx. N.Mex.              | ( - 100        | _                                          | -/                      |
|        |                                            | Ariz.                    | (Tosta         | I.                                         | 4.40\                   |
| 27.    | mærcns Lec. 56–268                         | So.Cal. Ariz.            | 13479 langeo   | egoptera Blanch. 50–<br>blata (Say) 23–242 |                         |
|        |                                            | Utah, Cal.               | 10112. lanceo  | nata (Say) 25-242                          | KanTex.<br>Colo. N.Mex. |
|        | punctipennis Lec. 56–268                   | Tex.                     |                | II.                                        | Colo. N.Mex.            |
|        | corvina Lec. 56–272                        | Ariz. So.Cal.            | (Euga          | stra Lec. 56–233)                          |                         |
|        | carbonata Lec. 56–270                      | NebAriz.                 |                | a Wickh. 03–71                             | Tex.                    |
|        | rufiola Fall 09–63                         | N.Mex. Colo.             |                | sa Lec. 53–231                             | Tex.                    |
|        | acerba Fall 09-64                          | Tex. [Ariz.              |                | cosa Lec. 53–440                           |                         |
|        | ingenua Fall 09–65<br>planidens Fall 09–65 | Ariz.<br>Ariz.           | 75. æquali     | is Lec. 53–440                             | Tex.                    |
|        | ambigua Fall 09–66                         | Ariz.                    | ?exora         | ta Horn♀ 87–278                            |                         |
|        | cephalotes Fall 09–67                      | So.Ill.                  | 76. farcta     | Lec. 56–238                                | Tex.                    |
|        | marginicollis Fall 09-67                   | Ariz. N.Mex.             |                | III.                                       |                         |
|        | pubipes Schffr.07–65                       | Tex.                     | 77. torta I    | Lec. 56–239                                | Tex. N.Mex.             |
|        | trementina Fall 09-69                      | N.Mex. Ariz.             | 78. hamat      | a Horn 87–220                              | Tex.                    |
|        | punctulata Horn 94–397                     | L.Cal.                   |                | IV.                                        |                         |
| 41.    | peninsularis Fall 09–70                    | L.Cal.                   | 79 latifro     | ns Lec. 56–241                             | Fla.                    |
|        | anxius (Lec.) 56–266                       | Ariz. Utah,              |                | osa Horn 87–222                            | Tex.                    |
|        | anthracina Fall 09–71                      | L.Cal. [So.Cal.          |                | ana Schffr. 09–382                         | Ga.                     |
|        | maura Fall 09–72                           | Tex.                     |                | missa Horn 87–223                          | La.                     |
|        | pinguescens Fall 09–72                     | Tex.                     |                | a Sm. 88–501                               | S.C. Kan. Ky.           |
| 46.    | frondicola (Say) 25–198                    | N.J.Neb.Tex.             |                | nculina (Burm.) 55-                        | -360                    |
| 477    | . To 11 00 79                              | Ind.                     |                | ,                                          | Ga. Fla.                |
| 47.    | testacea Fall 09–73                        | Kan. Neb.                | cerasin        | na Lec. 56–241                             |                         |
| 10     | ?basalis Burm. 55–263                      | [Colo.<br>La. Tex. Okla. | 84. elonga     | ta Linell 96–725                           | Fla.                    |
|        | lengi Fall 09–74<br>thoracica Fall 09–75   | Tex. Okia.               |                | Linell 96–726                              | Fla.?                   |
|        | arcuata Fall 09-75                         | Ariz.                    | 86. glaberi    | rima (Blanch.) 50–1                        |                         |
|        | dubia Lec. 56–269                          | Tex.                     |                |                                            | Pa.Fla.Ill. Ky.         |
|        | curvaticeps Fall 09–77                     | Tex.                     | 07l.:l:.J      | - (C) 0" 100                               | Del. N.J.               |
|        | bidentata Lec. 56–271                      | Ga. Fla. N.J.            |                | la (Say) 25–196                            | Ind. CanFla.            |
|        | abnormis Fall 09-78                        | N.Mex. Ariz.             |                | isteri Lec. 56–242<br>mis (Blanch.) 50–13  | [Tex.                   |
| 55.    | harperi Blanch. 50–171                     | N.Y. Fla. Tex.           |                | ia Fall 12–43                              | N.C.                    |
|        | texana Lec. 56–268                         | Tex. [Ind.               |                | Glasgow 16–378                             | So.Ill.                 |
|        | languida Lec. 78–403                       | Fla.                     | 90. arkans     | ana Schffr. 06–257                         | Ark. Ala.               |
|        | pumila Fall 09–82                          | Ariz. N.Mex.             |                | Fall 08-162                                | Ala.                    |
|        | tarsalis Schffr. 07–64                     | Ariz.                    |                | V.                                         |                         |
|        | polita Fall 09–83                          | L.Cal.                   | 01 longito     |                                            | T., J. TII. Mr          |
|        | errans Fall 09–84                          | Tex.                     |                | rsis (Say) 23–241<br>lis Lec. 56–239       | Ind. Ill. Mont.         |
| 62.    | truncatula Lec. 56–269                     | Kan. Tex.                |                | is Horn 87–144                             | [N.Mex.<br>(?N.J.) Fla. |
|        | consors Lec. 56–269<br>morula Lec. 56–270  | [N.Mex.                  |                | ‡ Lcc. 56–240                              | [Tex.                   |
| 63     | punctata Lec. 56–270                       | Tex. N.Mex.              | a.opur         | VI.                                        | [ICA.                   |
| 00.    | levicula Csy. 84–178                       | Ariz.                    | 04 diener      | (Burm.) 55–361                             | בוים                    |
| 64.    | chiricahuæ Fall 09–86                      | Ariz.                    |                | Horn 87–284                                | Fla.<br>No.Ga. Fla.     |
|        | levicosta Fall 09–87                       | N.Mex.                   |                | Lec. 56–262                                | No.Ga. Fla.             |
|        | confusa Fall 09–88                         | L.Cal.                   | oo. deams      |                                            |                         |
| 67.    | angularis Lcc. 56-268                      | Ariz.                    | Oe ano ailia   | VII.                                       | T. J. C. N. C.          |
| 68.    | ænea Blanch. 50–172                        | Tex.& Mex.               |                | s (Burm.) 55–361                           | Ind. Can.N.C.           |
|        | pauperata Burm. 44–16                      | Mcx.                     |                | a (Lec.) 56–235<br>Lec. 56–242             | [Tex.                   |
|        | simplex Blanch. $50-172  \circ$            | Mex.                     |                | Lec. 50–242                                | Can. Va. Kan.           |
|        | misella Fall 09–91                         | Ariz.                    |                | a (Burm.) 55–324                           | [Ind.                   |
| 70.    | tenuis Lec. 56–271                         | So.Cal.                  |                | rnis Lec. 56–247                           | [Ind.                   |
|        | punctatorugosa Blanch. 50                  |                          |                | a Lec. 56–246                              |                         |
|        | frondicals   Planck 50 171                 | Ga.                      |                | ntris Horn 87–231                          | Tex.                    |
|        | frondicola  Blanch.50-171                  |                          |                | a Lec. 56–243                              | N.Y.Mo.Tex.             |
| Diazus | Lec. 59–9                                  |                          | 13500. postren | na Horn 87–233                             | Fla.                    |
|        | rudis Lec. 59–10                           | Kan.                     | 01. prunina    | a Lec. 56–251                              | Ind. Mich.              |
|        |                                            |                          |                | II (N.C. 1.1.) (0.1)                       | Kan. Ala. Tex.          |
|        | phaga <sup>1</sup> Harris 26–6             | ony 16                   |                | sa    (Melsh.) 46–140                      | )                       |
|        | Smith 88; Horn 87; Glasg                   | 0W 10                    | natern         | a ‡ (Burm.) 55–332                         |                         |
|        |                                            |                          |                |                                            |                         |

 $<sup>^{\</sup>rm 1}$  All author's names except those of Glasgow and Harris should be in parentheses.

| Phyllophaga Harris                                         |                                |    |             | phaga Harris<br>rugosa (Melsh.) 46–140                         | MassColo                    |
|------------------------------------------------------------|--------------------------------|----|-------------|----------------------------------------------------------------|-----------------------------|
| VIII.<br>13502. calceata Lec. 56–250                       | Tex.                           |    |             | rugosioides Linell 97–728                                      | L.I. [Tex. Ind.             |
| IX.                                                        | 1ex.                           |    |             | X.                                                             | · ·                         |
| 03. crassissima (Blanch.) 50–1                             | 133                            |    |             | hirsuta (Knoch) 01–78                                          | MichN.C.                    |
|                                                            | N.YTex.                        |    |             | longispina Sm. 89–97                                           | S.C. Mich.                  |
| obesa Lec. 56–251                                          |                                |    | 04.         | implicita Horn 87–262<br>minor Linell 97–728                   | Ind. CanLa.<br>Kan. [Minn.  |
| robusta Lec. 56–257 ♀<br>?generosa Horn 87–222             | Tex.                           | ;  | 35.         | balia (Say) 25–194                                             | Ind. M.StIll.               |
| 04. subpruinosa Csy. 84–38                                 | Fla. Pa. L.I.                  |    | 9.0         | comata Burm. 55–337                                            | TICI                        |
| 05. crrans Lec. 59–283                                     | Nev. Or.                       |    | <b>ό</b> 0. | villifrons Lec. 56–255<br>hirticeps Lec. 56–255 \( \text{9} \) | Ind. CanIa. Ga.? [Va.       |
| 06. inversa Horn 87–241                                    | Ind.IllTex.<br>Va.             | ;  | 37.         | nitida Lec. 56–256                                             | GaPa.                       |
| 07. bipartita Horn 87–242                                  | MontTex.                       |    |             | limula Horn 87–264                                             | H.B.TIII.                   |
| 00 (IZ: L) 01 77                                           | La.                            |    |             | innominata Sm. 89–98                                           |                             |
| 08. micans (Knoch) 01–77<br>09. diffinis (Blanch.) 50–138  | Ind. MassLa.<br>Fla. Ky. [Fla. | ٠. | 38.         | XI.<br>hirticula (Knoch) 01–79                                 | Ind. AtlTex.                |
| comans Burm. 55–358                                        | Ga.S.Č. Fla.                   |    |             | hirsuta ‡ Say 23–243                                           |                             |
| sororia Lec. 56–246                                        |                                |    |             | delata Horn 87–267                                             | KyInd.                      |
| rufiola Lec. 56–256<br>10. vehemens Horn 87–244            | Kan. Ind.                      | 4  | 40.         | ilicis (Knoch) 01–75<br>porcina Hentz 30–256                   | Ind. N.Y. Ga. [Ill. Conn.   |
| 11. fusca (Froclich) 92–99                                 | Ind. H.B.T                     |    |             | fimbriata Burm. 55–326                                         |                             |
| fervens (Gyll.) 17–74                                      | [GaCal. Nfld.                  |    | 41          | ciliata Lec. 56–253                                            | Wis.Ill.Mo.Ga.              |
| 12. ulkei Sm. 88–94<br>13. quadrata Sm. 88–94              | TennFla.<br>Fla.               | •  | 41.         | subtonsa Lec. 56–254                                           | N.Y.                        |
| 14. horni Sm. 88–95                                        | Ind.D.COhio                    |    |             | XII.<br>(? Holotrichia Hope 37–99)                             |                             |
| 15. fervida (Fab.) 81–36                                   |                                |    | 42.         | æmula Horn 87–271                                              | No.Ga. Fla.                 |
| quercina (Knoch) 01–74<br>arcuata Sm. 88–183               | Ind.D.C.N.Y.                   |    |             | arcta Horn 87–271                                              | Tex.                        |
|                                                            | N.J. Mo. Ia.                   | 4  | 44.         | crenulata (Frœl.) 92–94<br>georgicana (Gyll.) 17–77            | Ind. Mass<br>[Okla. Fla.    |
| 16. anxia Lec. 50–226                                      | [Ga.                           |    | 45.         | albina (Burm.) 55–328                                          | Ind. Miss.                  |
| brevicollis (Blanch.) 50–13<br>puncticollis (Blanch.) 50–1 |                                |    |             | vetula Horn 87–274                                             | Ariz. N.Mex.                |
| cephalica Lec. 56–245                                      | 1.50                           |    |             | rubiginosa Lec. 56–259<br>parvidens Lec. 56–259                | Kan. Tex.<br>Ga.Fla.(Tex.?) |
| uninotata Walk. 66–323                                     | T. J. W.                       |    |             | pygidialis Schffr. 06–257                                      | Fla.                        |
| dubia Sm. 88–183                                           | Ind. Mass<br>TexCal.           | ļ  | 50.         | lobata Fall 08–163                                             | Ariz.                       |
| insperata Sm. 89–93                                        | N.J. Ill.                      |    | <b>5</b> 1  | XIII. submucida Lec. 56–260                                    | W.Tex.                      |
| alpina Linell 97–726<br>17. drakei Kby. 37–133             |                                |    |             | glabricula Lec. 56–260                                         | Kan. Tex.                   |
| consimilis Lec. 50–226                                     |                                | Į  | 53.         | fucata Horn 87–278                                             | So.Ariz.                    |
| grandis Sm. 88–181                                         | Ind.N.STex.                    |    | 54.         | ?exorata Horn 87–278                                           | Tex.                        |
| 18. karlsioei Linell 98–400                                | Ark.                           | ,  | 55          | XIV.<br>ignava Horn 87–280                                     | Tex. N.Mex.                 |
| * * * 10 1 I II 97 949                                     | N.C.                           | •  | <i>.</i>    | XV.                                                            | I CA. IV.IVICA.             |
| 19. barda Horn 87–248<br>20. marginalis Lec. 56–250        | Ind.N.YWis.                    |    | 56.         | quercus (Knoch) 01–72                                          | M.St. Ga. Fla.              |
| 21. spreta Horn 87–250                                     | Md. Ia. [Ga.                   | Į  | 57.         | inepta Horn 87–282                                             | Ohio                        |
| 22. fraterna Harris 42–29                                  | Ind. MeIa.<br>N.C. Fla.        |    |             | affabilis Horn 87–283<br>clypeata Horn 87–145                  | Kan.<br>Ga. Fla.            |
| cognata Burm. 55–323                                       | N.Y.N.J.N.C.                   |    |             | integra    Lec. 56–258                                         |                             |
|                                                            | La. Neb.                       | (  | 60.         | ecostata Horn 87–284                                           | S.W.Tex.                    |
| 23. forsteri Burm. 55–325<br>semicribrata Lec. 56–247      | N.Y. N.J<br>Ga.? [Conn.        |    | e 1         | XVI.                                                           | Tex. Mex.                   |
| lugubris Lec. 56–248                                       | Cu (Com.                       | ,  | 01.         | crinita (Burm.) 55–359<br>glabripennis Lec. 56–260             | rex. Mex.                   |
| lutescens Lec. 56–249                                      | 9                              |    |             | antennata Sm. 89–99                                            | Tex.                        |
| politula Horn 87–248<br>nova Sm. 89–95                     | ?<br>Ind. N.Y.D.C.             | (  | 33.         | tristis (Fab.) 81–39                                           | Fla. Ind. Atl               |
|                                                            | N.C.                           |    |             | pilosicollis (Knoch.) 01–85<br>crinita ‡ Lec. 56–261           | [Wash.                      |
| *** 04 inf.Jolio Worm 97 959                               | Co Flo                         | (  | 34.         | lenis Horn 87–287                                              | Ariz. So.Cal.               |
| 24. infidelis Horn 87–253<br>25. luctuosa Horn 87–254      | GaFla.<br>S.C. FlaLa.          |    |             | XVII.                                                          | 0 4:                        |
| 26. corrosa Lec. 56–249                                    | Ill. Tex. Dak.                 |    |             | heterodoxa Horn 87–289<br>latidens Schffr. 06–258              | So.Ariz.                    |
| affinis Lec. 56–252<br>27. scitula Horn 87–256             | [Minn. Tex.                    | ,  | <i>.</i>    | XVIII.                                                         | 111111                      |
| 28. knochi (Gyll.) 17–75                                   | MassGa.                        | (  | 37.         | tusa Horn 87–290                                               | Tex.                        |
|                                                            | Kan. Tex.                      |    |             | maculicollis Lec. 63–76                                        | L.Cal.                      |
| 29. profunda(Blanch.)50–132<br>biimpressa Sm. 89–97        | Tex. D.C. Va.<br>Kan. [La.     | ,  | 59.         | nitidula Lec. 63–77                                            | L.Cal.                      |
| grandior Linell 97–727                                     | La.                            | -  | -           | longicornis Blanch. 50–134                                     | N.Am.?                      |

| Listrochelus Blanch. 50–141                                |                      | Polyphylla Harris                                            |                    |
|------------------------------------------------------------|----------------------|--------------------------------------------------------------|--------------------|
| 13570. disparilis Horn 78–141                              | Colo. N.Mex.         | b. robustula Csy. 14–336                                     | So.Cal.            |
| 71. flavipennis Horn 85–123                                | Ariz. [Ariz.         | 13612. rugosipennis Csy. 14–337                              | Ariz.              |
| 72. puberulus Lec. 63–78                                   | L.Cal.               | 13. lævicauda Csy. 14–338                                    | Ariz.              |
| 73. carminator Horn 94–398                                 | L.Cal.               | 14. arguta Csy. 14–339                                       | Utah               |
| 74. scoparius Lec. 56–264                                  | Ariz.                | 15. sobrina Csy. 14–339                                      | Cal.               |
| 75. gracilis Horn 85–123                                   | Ariz.                | 16. latifrons Csy. 14–340                                    | N.Mex.             |
| 76. densicollis Lec. 63–77                                 | L.Cal.               | 17. speciosa Csy. 89–17                                      | Colo.              |
| 77. mucoreus Lec. 56–263                                   | L.Cal. So.Cal.       | a. acomana Csy. 14–342                                       | N.Mex.             |
| , T 50 000                                                 | Ariz.                | 18. squamotecta Csy. 14–343                                  | Cal.               |
| a. texanus Lec. 56–263                                     | TexSo.Cal.           | 19. pacifica Csy. 95–607                                     | Cal.               |
| 78. pulcher Linell 95–730                                  | Tex.                 | 20. decemlineata (Say) 23–246                                |                    |
| 79. obtusus Lec. 56–264                                    | Kan.<br>Ariz. N.Mex. | a parilia Care 14, 245                                       | N.Mex.So.Cal.      |
| 80. opacicollis Horn 78–145<br>81. tarsalis Schffr. 08–319 | Ariz. [Utah.         | a. parilis Csy. 14–345<br>b. laticauda Csy. 14–345           | Wyo. [Ariz. Nev.   |
| 82. sociatus Horn 78–146                                   | Nev. Id. Or.         | c. reducta Csy. 14–346                                       | Wash.              |
| 83. knausi Schffr. 07–67                                   | Utah                 | 21. ruficollis Csy. 14–346                                   | So.Cal.            |
| 84. timidus Horn 78–146                                    | Ariz.                | a. castanea Csy. 14–347                                      | Cal.               |
| 85. falsus Lec. 56–264                                     | Kan. Colo.           | b. oregona Csy. 14–348                                       | Or.                |
|                                                            | N.Mex.               | c. perversa Csy. 14–348                                      | Wash.              |
| 86. fimbripes Lec. 56–264                                  | Kan. Colo.           | 22. matrona Csy. 14–350                                      | Ariz.              |
| 87. senex Horn 78–141                                      | Tex. [N.Mex.         | 23. occidentalis (L.) 67–555                                 | Va, N.C. Fla.      |
| -1 . 1 T                                                   |                      | 24. variolosa (Hentz) 40-256                                 | MeN.J.             |
| Phytalus Er. 47–658                                        | AT DE A .            | 25. comes Csy. 14–352                                        | Ky.                |
| 13588. robustus Horn 85–119                                | N.Mex. Ariz.         | 26. gracilis Horn 81–73                                      | Fla.               |
| 89. cephalicus Horn 85–120                                 | Ariz.                |                                                              |                    |
| 90. pallidus Horn 85–120<br>91. vexatus Horn 85–120        | Ariz.<br>Tex.        | Thyce Lec. 56–232                                            | AT N.C. (D)        |
| 92. debilis Horn 85–120                                    | Ariz.                | 13627. squamicollis Lec. 56–232                              | N.Mex. Tex.        |
| 93. georgianus Horn 85–120                                 | Ga.                  | 28. carpenteri Lec. 76–296                                   | N.Mex.So.Cal.      |
| 94. cavifrons Linell 95–729                                | Tex.                 | 29. riversi Csy. 95–608                                      | So.Cal.            |
| 0 1. Cavinions Emen 00 , 20                                | 2011                 | 30. crinicollis Csy. 14–310                                  | So.Cal.<br>So.Cal. |
| Polyphylla Harris 42–30                                    |                      | 31. pistoria Csy. 95–607<br>32. rotundicauda Csy. 14–311     |                    |
| (Macranoxia Cr. 73–61)                                     |                      | 33. vestita Csy. 14–312                                      | So.Cal.            |
| 13595. cavifrons Lec. 54–222                               | Mex. Ariz.?          | 34. blaisdelli Csy. 92–19                                    | So.Cal.            |
| 96. squamicauda Csy. 14–324                                |                      | a. nitidula Csy. 14–313                                      | So.Cal.            |
| a. molesta Csy. 14–324                                     | N.Mex.               | 35. fossiger Csy. 89–172                                     | So.Cal.            |
| 97. verecunda Csy. 14–325                                  | N.Mex.               | a. brevitarsis Csy. 14–314                                   | So.Cal.            |
| 98. hammondi Lec. 56–228                                   | Kan. Ill. Ariz.?     | b. ochreata Csy. 14–314                                      | So.Cal.            |
| 99. oblita Csy. 14–326<br>a. impigra Csy. 14–326           | Tex.<br>N.Mex.       | c. aperta Csy. 14–315                                        | So.Cal.            |
| 13600. subvittata Lec. 56–229                              | Tex.                 | 36. angustula Csy. 14–315                                    | So.Cal.            |
| a. bisinuata Csy. 14–327                                   | Tex.                 | 37. pulverea Csy. 89–171                                     | So.Cal.            |
| 01. sejuncta Csy. 14–328                                   | N.Mex.               | 38. longipalpis Csy. 14–317                                  | No.Cal. Or.        |
| 02. proba Csy. 14–329                                      | Ariz.                | 39. harfordi Csy. 89–173                                     | Cal.               |
| 03. diffusa Csy. 14–329                                    | Ariz.                | a. nanella Csy. 14–318                                       | Cal.               |
| 04. pimalis Csy. 14-330                                    | Ariz.                | 40. squamosa Csy. 14–318                                     | Cal. So.Cal.       |
| 05. opposita Csy. 14-330                                   | Or.?                 | 41. fieldi Fall 08–160                                       | So.Cal.<br>Cal.    |
| 06. adusta Csy. 14–331                                     | N.Mex.               | 42. simplicipes Csy. 14–319<br>43. angusticollis Csy. 14–320 | Cal.               |
| 07. diffracta Csy. 89–17                                   | N.Mex.               | 10. angusticoms Csy. 14-020                                  | our.               |
| 08. fuscula Fall 08–161                                    | Ariz.                | Dinacoma Cay 90-174                                          |                    |
| 09. modulata Csy. 14–333                                   | Or.                  | <b>Dinacoma</b> Csy. 89–174<br>13644. marginata Csy. 86–285  | Cal. So.Cal.       |
| 10. crinita Lcc. 56–230                                    | Wash. Or. So.        | 10011. marginata Osy. 60-260                                 | Car. Du. Car.      |
| a. nigra Csy. 14–334                                       | Wash.? [Cal.         | Plectrodes Horn 67-166                                       |                    |
| b. mystica Csy. 14–334                                     | Or.<br>Cal.          | 13645. palpalis Horn 80–146                                  | Cal. So.Cal.       |
| 11. incolumis Csy. 14–335<br>a. relicta Csy. 14–336        | Cal.                 | 46. pubescens Horn 67–167                                    | Cal. So. Can.      |
| a. Telleta Osy. 14-000                                     | - Car.               | 10. pubescens from 0. 10.                                    | - Curi             |
|                                                            | Распу                | DEMINI                                                       |                    |
|                                                            | 1 Acmi               |                                                              |                    |
| Phobetus Lec. 56–227                                       | 0.1 (0. 0.10)        | Phobetus Lec.                                                | <b>X</b> 7         |
| 13647. comatus Lec. 65–227                                 | Cal. (So.Cal.?)      | collocatus Walk. 66–321                                      | Vanc.              |
| a. testaceus Lec. 61–346                                   | Cal.So.Cal.Is.       | 13648. centralis Csy. 09–282                                 | So.Cal.            |
|                                                            | 2.5                  |                                                              |                    |
|                                                            | Macrod               | ACTYLINI                                                     |                    |
| Dichelonyx Harris 26-6                                     | 22)                  | Dichelonyx Harris                                            |                    |

| Dichelonyx Harris 26-6                     | Dichelonyx Harris             |             |
|--------------------------------------------|-------------------------------|-------------|
| . (Dichelonycha Kby. 37–133)               | linearis (Gyll.) 17–186       |             |
| 13649. elongata (Fab.) 92–170 Can.N.J.Kan. | virescens Kby. 37–134         |             |
| elongatula (Schön.) 17–210 [Ind.           | 13650. canadensis Horn 76–186 | Can.        |
| hexagona (Germ.) 24-124                    | 51. subvittata Lec. 56–279    | MeMinn.Ind. |

| Dichel | lonyx Harris               |               | Dichelonyx 1   | Harris                |              |
|--------|----------------------------|---------------|----------------|-----------------------|--------------|
| 13652. | diluta Fall 01-283         | Mass.Va.Mich. | 13675. lateral | lis Fall 01–292       | Cal. Nev.    |
|        |                            | Ind.          | 76. albico     | llis Burm. 55–74      | Can.Pa.Mich. |
| 53.    | fuscula Lec. 56–281        | So.Cal. L.I.  |                |                       | Ind.         |
|        |                            | Ga. Mo. Ind.  | Cœnonycha      | Horn 76-192           |              |
| 54.    | testacea Kby. 37–135       | VtMont.Neb.   |                | lata (Lec.) 56–281    | OrSo.Cal.    |
| 55.    | backi Kby. 37–134          | L.SupWash.    |                | s Horn 76–192         | L.Cal. Is.   |
|        | testaceipennis Fall 07–249 |               |                | ntina Csy. 09–281     | L.Cal. Is.   |
|        | fulgida Lec. 56–279        | No.CalVanc.   |                | nis Horn 76–193       | Nev.         |
|        | oregona VanD. 18–11        | Or.           |                | la Fall 01–293        | So.Cal.      |
|        | mormona Fall 07–249        | Utah, N.Mex.  | •              |                       |              |
|        | crotchi Horn 76–186        | Cal. So.Cal.  | Gymnopyge      |                       |              |
|        | vaga Fall 01–285           | Cal. Nev.     |                | eformisLinell95–723   | So.Cal.      |
|        | nana Fall 01–286           | So.Cal.       |                | letti Linell 95–724   | So.Cal.      |
|        | muscula Fall 01–286        | So.Cal.       | 84. pygma      | ea Linell 95–724      | Utah         |
|        | longiclava Fall 01–287     | Cal.          |                |                       |              |
|        | pallens Lec. 56–283        | Cal.          |                | us Latr. 25–371       |              |
|        |                            | Or.           | (Steno         | thorax Harris 26-8)   |              |
|        | - 0 1                      | Cal.          |                | nosus (Fab.) 75–39    |              |
|        |                            | NebSo.Cal.    |                | tus    (Hbst.) 89–145 | [Ind.]       |
|        | 1                          | L.Cal.        |                | nagus Burm. 55–57     |              |
|        | pusilla Lec. 56–282        | So.Cal.       |                | tatus Lec. 56–278 8   |              |
|        | decolorata Fall 01–290     | Cal.          |                | tus Fitch 65–199      |              |
|        | valida Lec. 56–281         | Cal. Or.      |                | tatus(Beauv.) 05–30   |              |
|        | vicinaFall 01–291          | Cal.          |                | sus Lec. 56–277 ♀     | Fla. [Ariz.? |
| 74.    | sulcata Lec. 56–281        | Colo. N.Mex.  | 87. unifor:    | mis Horn 76–185       | Ariz.        |
|        |                            |               |                |                       |              |

# HOPLIINI

# Leconte 80

| Hoplia Ill. 03-226         |              | Hoplia Ill.                     |               |
|----------------------------|--------------|---------------------------------|---------------|
| 13688. sackeni Lec. 80–192 | Cal. So.Cal. | primoria Burm. 55–192           |               |
| 89. callipyge Lec. 56–285  | Cal. So.Cal. | a. tristis Melsh. 46–141♂       |               |
| 90. hirta Lec. 80–193      | Nev.         | 13695. trivialis Harold 70–1115 | Pa. N.Y. Ind. |
| 91. pubicollis Lec. 56–285 | So.Cal. Or.  | debilis    Lec. 56–285          |               |
| convexula Lec. 56–285      | Cal.         | 96. mucorea Germ. 24–129        | Atl.St. Fla.  |
| mutata Harold 70–1113      | Or.          | monticola Melsh. 46–141         | Pa.           |
| irrorata    Lec. 57–40     |              | 97. limbata Lec. 56–286         | Ind. W.St.    |
| oregona Lec. 56–284        | Or.          | modesta Hald. 44–304            | Nfld. Atl.St. |
| 92. laticollis Lec. 56–284 | Kan. Utah    | singularis Burm. 55–192         | [Ind.         |
| 93. dispar Lec. 80–192     | Cal. Nev.    | a. barbata Blatch. 10–950       | Ind.          |
| 94. trifasciata Say 25–200 | Atl.St. Ind. | 98. equina Lec. 80–193          | Mass. Fla.    |
| helvola Melsh. 46–142♀     | Va. [Nfld.   | 99. floridana Fisher 18–140     | Ind.          |

# RUTELINÆ

Casey 15

Anomalini

Horn 84; Schaeffer 06, 07; Casey 15

| Rhombonalia Csy. 15-5                                                                                                                                                                                               |               | Anom   | ala Sam.                   |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------------------|---------------|
| $(Rhombonyx \ddagger auct.)$                                                                                                                                                                                        |               | ,      | marginella Lec. 54–81      | N.Mex.        |
| 13700. cavifrons (Lec.) 67–52                                                                                                                                                                                       | Tex. N.Mex.   | 13710. | ellipsis Csy. 15–15        | Ariz.         |
| 01. comes Csy. 15–6                                                                                                                                                                                                 | Kan.          |        | luteipennis Horn 84-159 (n | nec Lec.)     |
| 02. cochiseana Csy. 15–7                                                                                                                                                                                            | Ariz.         | 11.    | compacta Csy. 15-15        | La.           |
| 03. transversa Csy. 15–7                                                                                                                                                                                            | Tex.          | 12.    | umbra Csy. 15–16           | N.J.          |
| 04. carinifrons Bates 88–249                                                                                                                                                                                        | Mex. & Ariz.  | 13.    | servilis Csy. 15–16        | Fla.          |
| 05. apacheana (Wickh.) 13–30                                                                                                                                                                                        | Tex.          | 14.    | ludoviciana Schffr. 06–3   | La. Kan. Ind. |
| 06. camancha (Wickh.) 13–29                                                                                                                                                                                         | N.Mex.        |        | pubescens Blatch. 10–984   |               |
| Anomalepta Csy. 15–8                                                                                                                                                                                                |               |        | В.                         |               |
| 13707. semilivida (Lec.) 78–403                                                                                                                                                                                     | Fla.          | 15.    | minuta Burm. 44–504        | N.C. Fla.     |
| 08. flaccida Csy. 15–10                                                                                                                                                                                             | Fla.          | a.     | mendica Csy. 15–20         | Fla.          |
| oo. naccida Osy. 15 10                                                                                                                                                                                              | r ia.         |        | $\mathbf{c}$               |               |
| Anomala Sam. 19–191                                                                                                                                                                                                 |               | 16     | cincta Say 35–181          | Mex.          |
| (Paranomala Csy. 15–12)                                                                                                                                                                                             |               |        | polychalca Bates 88–236    | Tex.          |
| Α.                                                                                                                                                                                                                  |               |        | subquadrata Csy. 15–21     | Va. N.J.      |
| 13709. binotata Gyll.17–106                                                                                                                                                                                         | N.Y. Va. Kan. |        | stigmatella Csy. 15–22     | Kan.          |
| unifasciata (Say) 25–199                                                                                                                                                                                            | [Conn. Ind.   |        | luteipennis Lec. 54–80     | So.Tex.       |
| (, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, /, / | •             |        |                            |               |

| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Anomala Sam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                         | Pachystethus Blanch                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                             |
| 13720. flavipennis Burm. 44–249                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N.CLa. Ind.                                                                                                                             | 13739. marginata (Fab.) 75–164                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fla. Mo.                                                                                                                                    |
| dichroa Melsh. 46–140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IV.OLa. Ind.                                                                                                                            | annulata (Germ.) 24–121                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | [N.Mex. Ind.                                                                                                                                |
| a. modulata Csy. 15–23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Kan.                                                                                                                                    | 40. incolumis Csy. 15–43                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fla.                                                                                                                                        |
| b. amissa Csy. 15–24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ?                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ria.                                                                                                                                        |
| 21. peninsularis Schffr. 06–3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | L.Cal.                                                                                                                                  | (Hemispilota Csy. 15-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                             |
| 22. nimbosa Csy. 15–26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz.                                                                                                                                   | 41. lucicola (Fab.) 98–132                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | R.IKan.Ind.                                                                                                                                 |
| ?inconstans Burm. 44–252                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                         | mœrens (Fab.) 01–174                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                             |
| 23. delicata Csy. 15–27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ariz.                                                                                                                                   | atrata (Fab.) 01-174                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                             |
| 24. clypealis Schffr. 07–68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ariz.                                                                                                                                   | pinicola (Melsh.) 46–141                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                             |
| 25. centralis Lec. 63–78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | So.Cal. L.Cal.                                                                                                                          | 42. oblivia (Horn) 84–163                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N.C.                                                                                                                                        |
| 26. arida Csy. 15–29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ariz.                                                                                                                                   | a. maritima Csy. 15–47                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N.J.                                                                                                                                        |
| 27. papagoana Csy. 15–30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ariz.                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                             |
| 28. sagax Csy. 15–30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ariz.                                                                                                                                   | Strigoderma Burm. 44-310                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                             |
| 29. moquina Csy. 15–31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz.                                                                                                                                   | 13743. pimalis Csy. 84–181                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | So.Ariz.                                                                                                                                    |
| 30. undulata Melsh. 46–140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Va. Fla. Neb.                                                                                                                           | a. prolixella Čsy. 15–53                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | So.Ariz.                                                                                                                                    |
| maculata (Cast.) 35–136                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | [Ind.                                                                                                                                   | 44. subrutilans Čsy. 15–54                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | So.Ariz.                                                                                                                                    |
| varians (Fab.) 01-173 par                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                         | 45. obesula Csy. 15–54                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Kan.                                                                                                                                        |
| 31. nigropicta Csy. 15–33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N.C. Ky. Fla.                                                                                                                           | a. quaternaria Csy. 15–55                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Kan.                                                                                                                                        |
| a. canadensis Csy. 15–33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ont.                                                                                                                                    | 46. texana Csy. 15–55                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tex.                                                                                                                                        |
| b. floridana Csy. 15–33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Fla.                                                                                                                                    | 47. arboricola (Fab.) 75–171                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N.J. Can. Ind.                                                                                                                              |
| c. saginulata Csy. 15–34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IndKan.                                                                                                                                 | a. puritana Csy. 15–56                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | R.I.[Kan.Ariz.                                                                                                                              |
| 32. innuba (Fab.) 87–22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pa. Fla. Neb.                                                                                                                           | b. virginica Csy. 15–56                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Va.                                                                                                                                         |
| dubia Blatch. 10–984                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ind.                                                                                                                                    | c. irregularis Csy. 15–56                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N.J.                                                                                                                                        |
| a. piceola Csy. 15–35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fla.                                                                                                                                    | d. tcstaceipennis Nonfried 93                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3-295                                                                                                                                       |
| 33. medorensis Csy. 15–35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Kan.                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Indian Res.                                                                                                                                 |
| D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                         | 48. viridicollis Schffr. 07–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N.Mex.                                                                                                                                      |
| 34. antennata Schffr. 06-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N.Mex.                                                                                                                                  | 49. angustula Csy. 15–57                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ?                                                                                                                                           |
| 35. tenera Csy. 15–37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ariz.                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                             |
| ?flavilla Bates 88–226                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz. Mex.                                                                                                                              | Strigodermella Csy. 15-59                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                             |
| 36. parvula Burm. 44-247                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ga. Fla.                                                                                                                                | 13750. pygmæa (Fab.) 98–133                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N.JFla.                                                                                                                                     |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                         | 51. floridana (Ohaus) 05–285                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                             |
| (Oliganomala Csy. 15–38)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Fla.                                                                                                                                    | 20011attilla (02ttillas) 00 200 .                                                                                                                                                                                                                                                                                                                                                                                                                                                                | , , , , , , , , , , , , , , , , , , , ,                                                                                                     |
| 37. exigua (Sz.) 78–362                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | rıa.                                                                                                                                    | Alamana Carr 15 61                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                             |
| (Anomalopus Csy. 15-40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         | <b>Alamona</b> Csy. 15–61                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | T                                                                                                                                           |
| 38. tibialis Schffr. 06–5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tex.                                                                                                                                    | 13752. parviceps Csy. 15–61<br>53. latitibia Schffr. 07–71                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tex.                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                         | 55. Tatitibia Sciiir. 07-71                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | rex.                                                                                                                                        |
| Pachystethus Blanch. 50–180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                             |
| (Spilota    Burm. 44–266)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                         | Popillia Serv. 25–367                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                             |
| (Pæcilosticta Kr. 91–290)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                         | 13754. japonica Newn. 41–43                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | †N.J.                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ruti                                                                                                                                    | ELINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                             |
| Pelidnota MacI. 17-157                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ruti<br>Case                                                                                                                            | y 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                             |
| Pelidnota MacL. 17–157                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Case                                                                                                                                    | y 15<br><b>Plusiotina</b> Csy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Anig N Mov                                                                                                                                  |
| 13755. punctata (L.) 58–557                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Case<br>Conn.Va.Ia.                                                                                                                     | y 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ariz. N.Mex.                                                                                                                                |
| 13755. punctata (L.) 58–557<br>a. strenua Csy. 15–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Case Conn.Va.Ia. Ind.? [Ind.                                                                                                            | y 15<br><b>Plusiotina</b> Csy.<br>13766. lecontei Horn 82–120                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ariz. N.Mex.                                                                                                                                |
| 13755. punctata (L.) 58–557<br>a. strenua Csy. 15–72<br>b. brevis Csy. 15–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Case Conn.Va.Ia. Ind.? [Ind. L.I.                                                                                                       | y 15  Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                             |
| 13755. punctata (L.) 58–557<br>a. strenua Csy. 15–72<br>b. brevis Csy. 15–72<br>c. notata Blanch. 50–212                                                                                                                                                                                                                                                                                                                                                                                                                                       | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla.                                                                                          | y 15<br><b>Plusiotina</b> Csy.<br>13766. lecontei Horn 82–120                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ariz. N.Mex. Mex. Ariz.                                                                                                                     |
| 13755. punctata (L.) 58–557<br>a. strenua Csy. 15–72<br>b. brevis Csy. 15–72<br>c. notata Blanch. 50–212<br>56. oblonga Csy. 15–73                                                                                                                                                                                                                                                                                                                                                                                                             | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La.                                                                                      | y 15 Plusiotina Csy. 13766. lecontei Horn 82–120 Chrysina Kby. 27–520 13767. beckeri Bates 89–411                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                             |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73                                                                                                                                                                                                                                                                                                                                                                                                | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C.                                                                                 | y 15  Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423                                                                                                                                                                                                                                                                                                                                                                        | Mex. Ariz.                                                                                                                                  |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73                                                                                                                                                                                                                                                                                                                                                                       | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J.                                                                            | y 15  Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3                                                                                                                                                                                                                                                                                                                                         | Mex. Ariz.                                                                                                                                  |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23                                                                                                                                                                                                                                                                                                                                               | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla.                                                                       | y 15  Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423                                                                                                                                                                                                                                                                                                                                                                        | Mex. Ariz.  Kan. Conn.N.J.Ind.                                                                                                              |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74                                                                                                                                                                                                                                                                                                                     | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla.                                                                  | y 15  Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350                                                                                                                                                                                                                                                                                                                | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla.                                                                                                         |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74                                                                                                                                                                                                                                                                                            | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. Fla. VaMiss.                                                     | y 15  Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90                                                                                                                                                                                                                                                                                           | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis.                                                                                           |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74                                                                                                                                                                                                                                                                     | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex.                                                     | y 15  Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91                                                                                                                                                                                                                                                                   | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla.                                                                                                         |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74                                                                                                                                                                                                                                             | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. Fla. VaMiss.                                                     | y 15  Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90                                                                                                                                                                                                                                                                                           | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y.                                                                                  |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74                                                                                                                                                                                                                                                                     | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. Fla. VaMiss. Tex. N.Y.                                           | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90                                                                                                                                                                                                                                                  | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz.                                                                        |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78                                                                                                                                                                                                 | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. Fla. VaMiss. Tex. N.Y. N.Y.                                      | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337                                                                                                                                                                                                                       | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La.                                                                              |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54                                                                                                                                                                         | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal.                                    | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53                                                                                                                                                                                                | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz.                                                            |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54  Plusiotis Burm. 44–417                                                                                                                                                 | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal. Ariz.                              | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53                                                                                                                                                                                                | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz.                                                            |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54  Plusiotis Burm. 44–417 13761. gloriosa Lec. 54–221                                                                                                                     | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal. Ariz.  Ariz. Tex.                  | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53 73. tau Wickh. 05–2                                                                                                                                                                            | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz.                                                            |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54  Plusiotis Burm. 44–417 13761. gloriosa Lec. 54–221 62. woodi Horn 85–124                                                                                               | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal. Ariz. Ariz. Tex. Tex.              | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53 73. tau Wickh. 05–2  Pocalta Csy. 15–92                                                                                                                                                        | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz. Ariz.                                                      |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54  Plusiotis Burm. 44–417 13761. gloriosa Lec. 54–221 62. woodi Horn 85–124 63. ampliata Csy. 15–82                                                                       | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal. Ariz. Ariz. Tex. Ariz.             | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53 73. tau Wickh. 05–2  Pocalta Csy. 15–92 13774. puncticollis (Lec.) 63–78                                                                                                                       | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz. Ariz. N.Mex. Ariz.                                         |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54  Plusiotis Burm. 44–417 13761. gloriosa Lec. 54–221 62. woodi Horn 85–124 63. ampliata Csy. 15–82 64. beyeri Skin. 05–289                                               | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal. Ariz. Ariz. Ariz. Ariz. Ariz.      | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53 73. tau Wickh. 05–2  Pocalta Csy. 15–92 13774. puncticollis (Lec.) 63–78 75. ursina (Horn) 67–168                                                                                              | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz. Ariz. N.Mex. Ariz. So.Cal. So.Cal. So.Cal.                 |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54  Plusiotis Burm. 44–417 13761. gloriosa Lec. 54–221 62. woodi Horn 85–124 63. ampliata Csy. 15–82 64. beyeri Skin. 05–289 a. ocularis Csy. 15–83                        | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal. Ariz. Ariz. Tex. Ariz.             | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53 73. tau Wickh. 05–2  Pocalta Csy. 15–92 13774. puncticollis (Lec.) 63–78 75. ursina (Horn) 67–168 76. lævicauda Csy. 15–95 77. brevis Csy. 15–95 78. rotunda Csy. 15–96                        | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz. Ariz. N.Mex. Ariz. So.Cal. So.Cal. So.Cal. So.Cal.         |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54  Plusiotis Burm. 44–417 13761. gloriosa Lec. 54–221 62. woodi Horn 85–124 63. ampliata Csy. 15–82 64. beyeri Skin. 05–289 a. ocularis Csy. 15–83  Plusiotina Csy. 15–84 | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal. Ariz. Tex. Ariz. Ariz. Ariz. Ariz. | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53 73. tau Wickh. 05–2  Pocalta Csy. 15–92 13774. puncticollis (Lec.) 63–78 75. ursina (Horn) 67–168 76. lævicauda Csy. 15–95 77. brevis Csy. 15–95 78. rotunda Csy. 15–96 79. seriata Csy. 15–96 | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz. Ariz. N.Mex. Ariz. So.Cal. So.Cal. So.Cal. So.Cal. So.Cal. |
| 13755. punctata (L.) 58–557 a. strenua Csy. 15–72 b. brevis Csy. 15–72 c. notata Blanch. 50–212 56. oblonga Csy. 15–73 a. ponderella Csy. 15–73 b. debiliceps Csy. 15–73 57. lutea (Oliv.) 90–23 a. brevicollis Csy. 15–74 b. pallidipes Csy. 15–74 c. texensis Csy. 15–74 d. hudsonica Csy. 15–74 58. tarsalis Csy. 15–74 59. lucæ Lec. 63–78 60. lugubris Lec. 74–54  Plusiotis Burm. 44–417 13761. gloriosa Lec. 54–221 62. woodi Horn 85–124 63. ampliata Csy. 15–82 64. beyeri Skin. 05–289 a. ocularis Csy. 15–83                        | Case Conn.Va.Ia. Ind.? [Ind. L.I. Mex.Tex.Fla. La. D.C. N.J. Fla. Fla. VaMiss. Tex. N.Y. N.Y. L.Cal. Ariz. Ariz. Ariz. Ariz. Ariz.      | Plusiotina Csy. 13766. lecontei Horn 82–120  Chrysina Kby. 27–520 13767. beckeri Bates 89–411  Cotalpa Burm. 44–423 13768. subcribrata Wickh. 05–3 69. lanigera (L.) 60–350  a. obesa Csy. 15–90 b. vernicata Csy. 15–91 70. molaris Csy. 15–90 71. consobrina Horn 71–337 72. flavida Horn 78–53 73. tau Wickh. 05–2  Pocalta Csy. 15–92 13774. puncticollis (Lec.) 63–78 75. ursina (Horn) 67–168 76. lævicauda Csy. 15–95 77. brevis Csy. 15–95 78. rotunda Csy. 15–96                        | Mex. Ariz.  Kan. Conn.N.J.Ind. Fla. Ind. Ia. Wis. Va. N.Y. La. Ariz. Utah, Ariz. Ariz. N.Mex. Ariz. So.Cal. So.Cal. So.Cal. So.Cal.         |

<sup>†</sup> Introduced.

| Pocalta Csy. 13781. nigripennis Csy. 15–97                                                                                                                                                                                                                                                                                                                                                                                                  | So.Cal.                                                                                                                                     | Parareoda Csy. — ?chihuahuæ Bates 88–291                                                                                                                                                                                                                                                                                                                                                                                                                       | Ariz.                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 82. pubicollis Csy. 15–98<br>83. granicollis(Hald.)52–374                                                                                                                                                                                                                                                                                                                                                                                   | Utah<br>Utah-Or.<br>So.Cal.                                                                                                                 | <b>Rutela</b> Latr. 17–283<br>13786. formosa Burm. 44–383                                                                                                                                                                                                                                                                                                                                                                                                      | W.I. Fla.                                                                                                 |
| Parareoda Csy. 15–99 (Byrsopolis ‡ auct. nec Bi 13784. rufobrunnea Csy. 15–100 85. arizonæ Ohaus 12–313 — ?lanigera Bates 88–291                                                                                                                                                                                                                                                                                                            |                                                                                                                                             | Polymœchus Lec. 56–23<br>13787. brevipes Lec. 56–24<br>a. discernens Csy. 15–104<br>88. conicicollis Csy. 15–104                                                                                                                                                                                                                                                                                                                                               | Pa. N.Y. N.C.<br>Ill. Ind. Fla.<br>Ind.<br>Pa.                                                            |
| namgera Dates 00 201                                                                                                                                                                                                                                                                                                                                                                                                                        | 11112.                                                                                                                                      | oo. concicons osy. 15 101                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | DYNAS                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Case Cycloci                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                           |
| Anonlogopholyg Schffr 06 950                                                                                                                                                                                                                                                                                                                                                                                                                | Crcboci                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                           |
| Anoplocephalus Schffr. 06–259<br>13789. cribrifrons Schffr. 06–260                                                                                                                                                                                                                                                                                                                                                                          | Ariz.                                                                                                                                       | Ochrosidia Csy.<br>13807. validiceps Csy. 15–148<br>08. arizonica Csy. 15–149                                                                                                                                                                                                                                                                                                                                                                                  | So.Ariz.<br>So.Ariz.                                                                                      |
| Ancognatha Er. 47–97<br>13790. perspicua Csy. 15–126<br>91. manca (Lec.) 66–382<br>92. zuniella Csy. 15–127                                                                                                                                                                                                                                                                                                                                 | Ariz.<br>Ariz.<br>N.Mex.                                                                                                                    | 09. melina Csy. 15–149<br>a. pusilla Csy. 15–150<br>10. facilis Csy. 15–150<br>11. ovulata Čsy. 15–151                                                                                                                                                                                                                                                                                                                                                         | N.Mex. Tex.<br>Tex.<br>N.Mex.<br>Ariz.                                                                    |
| Spilosota Csy. 15–130 (Cyclocephala ‡ auct. nec Latr. 13793. lurida (Bland) 63–354 94. hirta (Lec.) 61–346 95. magister Csy. 15–132 96. pallidissima Csy. 15–133 97. inconspicua Csy. 15–133 — nigricollis Burm. 47–50 — robusta Lec. 66–79  Ochrosidia Csy. 15–141  I A.  13798. parallela Csy. 15–144 99. protenta Csy. 15–144 13800. rufifrons Csy. 15–145  01. immaculata (Oliv.) 90–29  nigrifrons (Panz.) 94 frontalis (Sturm) 43–116 | Tex. Ariz. So.Cal. So.Cal. Tex. N.Mex. So.Cal. [Ariz. "N.Am." Ind. Tex.  Fla. Ala. La. Mo. Kan. Okl. Tex. Va. N.CMo. Kan. Ind. Fla. & Miss. | I B.  12. abrupta Csy. 15–152  13. reflexa Csy. 15–153  14. phasma Csy. 15–153  15. modulata Csy. 15–154  16. rugulifrons Csy. 15–154  17. ambiens Csy. 15–155  18. marcida Csy. 15–155  19. obesula Csy. 15–156  20. oblongula Csy. 15–156  21. prona Csy. 15–157  22. rustica Csy. 15–157  23. longula (Lec.) 66–79  24. seditiosa (Lec.) 66–79  Dichromina Csy. 15–160  13825. dimidiata (Burm.) 47–57  26. elegans (Horn) 71–337  Dyscinetus Harold 69–123 | Cal. Or. So.Cal. Ariz. Ariz. Ariz. Tex. Cal. Cal. Ariz. Cal. Ariz. Cal. L.Cal. So.Cal. Miss. [Ariz. Ariz. |
| frontalis (Sturm) 43–116 02. tenuicutis Csy. 15–146 03. villosa (Burm.) 47–54  04. puberula (Lec.) 63–80 05. pagana Csy. 15–148 06. pasadenæ Csy. 15–148                                                                                                                                                                                                                                                                                    | [So.Cal. Ariz.<br>Kan.<br>N.Y. Pa. Ala.<br>Ind. So.Cal.<br>Ga. Fla.<br>Iowa<br>So.Cal.                                                      | (Chalepus   MacL. 19-149<br>13827. obsoletus (Lec.) 54-222<br>a. gilanus Csy. 15-168<br>28. puncticauda Csy. 09-282<br>29. trachypygus(Burm.)47-79<br>a. discedens Csy. 15-171<br>30. borealis Csy. 15-171                                                                                                                                                                                                                                                     | Ariz.<br>Ariz.<br>Kan. Colo.                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ory                                                                                                                                         | CTINI                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | (Pentod                                                                                                                                     | lontini)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cas                                                                                                                                         | ey 15                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                           |
| Ligyrodes Csy. 15–179 13831. clypealis Csy. 15–181                                                                                                                                                                                                                                                                                                                                                                                          | N.J.                                                                                                                                        | Ligyrus Burm.<br>?lævicollis Bates 88-316                                                                                                                                                                                                                                                                                                                                                                                                                      | Fla. ?Mex.                                                                                                |
| 32. parviceps Csy. 15–182<br>33. quadripennis Csy. 15–182<br>34. relictus (Say) 25–194<br>a. vernicicollis Csy. 15–183                                                                                                                                                                                                                                                                                                                      | Ia. Tex. La. Ill. R.IIa. Ind. Ia. [Fla.?                                                                                                    | II. ( <i>Ligyrus</i> s.str.)<br>( <i>Bothynus</i> ‡ Lec.)<br>13838. longulus Csy. 15–193<br>39. virginicus Csy. 15–193                                                                                                                                                                                                                                                                                                                                         | L.I.<br>Va.                                                                                               |
| Euetheola Bates 88–314<br>13835. rugiceps (Lec.) 56–21<br>36. subglabra (Schiffr.) 09–383                                                                                                                                                                                                                                                                                                                                                   | GaTex.<br>3 Ariz.                                                                                                                           | 40. parallelus Csy. 15–194<br>41. remotus Csy. 15–194<br>42. texanus Csy. 15–195<br>43. gibbosus (DeG.) 74–187                                                                                                                                                                                                                                                                                                                                                 | Tex.<br>N.J.<br>Tex.<br>Conn.N.J.N.C.                                                                     |
| Ligyrus Burm. 47–542<br>I.(Grylius Csy. 15–189)<br>13837. bryanti (Riv.) 91–97                                                                                                                                                                                                                                                                                                                                                              | L.Cal.                                                                                                                                      | juvencus (Fab.) 75–18                                                                                                                                                                                                                                                                                                                                                                                                                                          | La.Ind.So.Cal.<br>Ariz.<br>Fla. Ia. Kan.                                                                  |

| Ligyrus Burm.                                                    |                          | Aphonus (Lec. 56–2)                                       |                      |
|------------------------------------------------------------------|--------------------------|-----------------------------------------------------------|----------------------|
| variolosus (Burm.) 47–121<br>morio (Lcc.) 48–87                  | l Pa.                    | (Bothynus ‡ Lec. pars.)<br>(Podalgus ‡ Melsh. pars.)      |                      |
| a. puncticauda Csy. 15–195                                       | Miss.                    | 13868. tridentatus (Say) 23–209                           | Conn.Wis.Ark.        |
| 13844. breviusculus Csy. 15–196                                  | N.J.<br>N.Ill.           | 69. clongatus Csy. 15–215                                 | Me. Ind.             |
| a. lacustris Csy. 15–196<br>45. laticauda Csy. 15–197            | No.Atl.St.               | 70. aterrimus Csy. 15–216<br>?frater Lec. 56–22           | Me. N.H.<br>N.J.     |
| 46. lætulus Csy. 15–197                                          | Tex. Ia. Ind.            | 71. densicauda Csy. 15–216                                | Pa.                  |
| 47. neglectus (Lec.) 48–87<br>48. bicorniculatus Csy.15–198      | Fla.<br>Kan.             | 72. variolosus (Lec.) 48–88<br>hydropicus (Lec.) 56–22    | Fla.                 |
| 49. rubidus Csy. 15–198                                          | Colo.                    | 73. congestus Csy. 15–218                                 | Ill. Mich.           |
| a. lucublandus Csy. 15–199<br>50. curtipennis Csy. 15–199        | Colo.<br>N.Mex.          | 74. politus Csy. 15–218<br>75. modulatus Csy. 15–219      | N.Y.<br>Ind.         |
| 51. effetus Csy. 15–200                                          | N.Mex.                   | 76. trapezicollis Csy. 15–219                             | N.C.                 |
| 52. obsoletus (Lec.) 48-87                                       | Colo.<br>Ariz.           | 77. saginatus Csy. 15–220                                 | Ala.                 |
| 53. arizonensis Csy. 15–201<br>54. spissipes Csy. 09–283         | N.Mex. Tex.              | 78. castaneus (Melsh.) 46–138                             | N.C. Fla.            |
| 55. brevipes Csy. 15–202                                         | Tex.                     | obesus (Burm.) 47–119                                     | N.Y.                 |
| 56. lævicauda Csy. 15–202<br>57. californicus Csy. 09–283        | N.Mex.<br>So.Cal.        | 79. cubiformis Csy. 15–221                                | L.I.                 |
| a. laticollis Csy. 15–203                                        | So.Cal.                  | Orizabus Fairm. 78–260<br>(Cheiroplatys Bates nec Ho      | ne)                  |
| 58. scitulus Csy. 15–203                                         | So.Cal.                  | 13880. ponderosus Csy. 15–225                             | N.Mex. Tex.          |
| III. (Anagrylius Csy. 15-                                        |                          | 81. fontinalis Csy. 15–226<br>82. clunalis (Lec.) 56–23 8 | N.Mex.<br>Ariz.      |
| 59. tumulosus (Burm.) 47–103                                     | l (?S.C.W.S.)<br>So.Cal. | ligyroides Horn 85–125 Q                                  | A112.                |
|                                                                  | So.Cai.                  | 83. snowi Horn 85–124                                     | N.Mex.               |
| <b>Oxygrylius</b> Csy. 15–208<br>13860. ruginasus (Lec.) 56–20   | Tex.                     | Anoplognatho Riv. 89–101                                  |                      |
| 61. pimalis Csy. 15–209                                          | So.Ariz.                 | (Aphonides Riv. 89–6)<br>13884. dunnianus Riv. 89–101     | Tex. Ariz.           |
| 62. peninsularis Csy. 15–209                                     | L.Cal.                   | Anastrategus Csy. 15-231                                  |                      |
|                                                                  | _                        | 13885. cessus (Lec.) 66–382                               | Ariz. N.Mex.         |
| <b>Pseudaphonus</b> Csy. 15–210<br>13863. debiliceps Csy. 15–211 | Colo.                    | a. cavicauda Csy. 15–233<br>86. inflatus Csy. 15–234      | N.Mex.?<br>Ariz.     |
| 64. pyriformis (Lec.) 48–88                                      | N.Mex.                   | 87. tantalus Csy. 15–235                                  | Ariz.                |
| 65. ovalis Csy. 15–212                                           | N.Mex.<br>N.Mex.         | 88. cognatus Csy. 15–236<br>89. splendens (Beauv.) 05–89  | Fla.<br>N.CFla.      |
| 66. repens Csy. 15–212<br>67. lucidus Csy. 15–213                | Colo. N.Mex.             | 90. carolinensis Csy. 15–237                              | N.C.                 |
| •                                                                |                          |                                                           | •                    |
|                                                                  | (Oryce                   |                                                           |                      |
|                                                                  | Case                     |                                                           |                      |
| Strategus Hope 37–87 (Strategus s.str.)                          |                          | Strategus Hope<br>13900. semistriatus Csy. 15–250         | Tex.                 |
| 13891. rooscvelti Csy. 15–241                                    | Tex.                     | 01. mormon Burm. 47–130                                   | Kan.                 |
| 92. julianus Burm. 47–133                                        | MissW.Tex.<br>Ariz.      | ?bosci (Beauv.) 05–89                                     | S.C.                 |
| a. arizonicus Schffr. 15–51<br>93. tarsalis Csy. 15–243          | Tex.                     | Xyloryctes Hope 37–90                                     | ConnTex.             |
| (Strategodes Csy. 15-245)                                        |                          | 13902. satyrus (Fab.) 75–12<br>?amcricanus(Beauv.)05–73   |                      |
| 94. divergens Csy. 15–246                                        | Gulf St.                 | 03. ?verticalis (Fall) 05–272                             | N.Mex.               |
| 95. atrolucens Csy. 15–247<br>96. antæus (Fab.) 75–9             | Fla.<br>Fla:-Ala.        | 04. lacustris Csy. 15–255<br>a. tenuicornutus Csy.15–255  | Mich. L.Sup<br>Neb.? |
| 97. pinorum Csy. 15–248                                          | N.C. Ala.                | 05. faunus Csy. 95–609                                    | Ariz.                |
| 98. septentrionis Csy. 15–249<br>99. sinuatus Csy. 15–250        | N.J. (R.I.?)<br>Ala.     | 06. obsolescens Csy. 15–256<br>07. hebes Csy. 15–257      | Wis.<br>N.Mex.       |
| 55. Smaatas Osy. 10 200                                          | 11.00                    | on head cay. To Zo.                                       | 1111111111           |
|                                                                  | Dyna                     | STINI                                                     |                      |
|                                                                  | Case                     | y <b>1</b> 5                                              |                      |
| Dynastes Kby. 40-568                                             |                          | Megasominus Csy. 15-261                                   |                      |
| 13908. tityus (L.) 58–542                                        | Ind. Tex. Ala.           | (Megasoma ‡ auct.)                                        | L.Cal.               |
| marianus (L.) 58–549<br>pennsylvanicus (DcG.) 74                 | S.C. [Fla.<br>–309       | 13910. thersites (Lec.) 61–339                            | D. Oak               |
| a. corniger Sternberg 10–26                                      | Tex. [S.C.               |                                                           |                      |
| 09. granti Horn 70–78                                            | Ariz.                    |                                                           |                      |

<sup>&</sup>lt;sup>1</sup> Cascy's classification of 1915 (Mem. VI) is modified by a letter dated Jan. 8, 1918, reducing the rank of his former separation of the Pentodontini and Oryctini.

# PHILEURINI

# Casey 15

|                                                                                                                                                                                                                                                                          | Case                                                                                      | y 19                                                                                                                                                                                                                                                                                                            |                                                                    |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--|--|
| Phileurus Latr. 07–103 13911. truncatus (Beauv.) 05–41 12. vitulus Lec. 66–80 13. illatus Lec. 54–80 14. phænicis Csy. 15–267 15. puncticollis Csy. 15–268 16. texensis Csy. 15–268 17. sulcifer Csy. 15–269 a. carolinæ Csy. 15–269                                     | So.St. Fla.<br>L.Cal.<br>Ariz. So.Cal.<br>Ariz.<br>So.Ariz.<br>Tex. La.<br>LaFla.<br>N.C. | Phileurus Latr. 13918. floridanus Csy. 15–270 ?valgus (L.) 58–546 ?castaneus Hald. 44–304  Archophileurus Kolbe 10–334 13919. cribrosus (Lec.) 54–80 20. bullatus Csy. 15–274                                                                                                                                   | Fla. So.Am.&U.S.? Ala.? [Ind.Fla.  Tex. Tex.                       |  |  |
|                                                                                                                                                                                                                                                                          | CETON                                                                                     | IIINÆ                                                                                                                                                                                                                                                                                                           |                                                                    |  |  |
|                                                                                                                                                                                                                                                                          | Case                                                                                      |                                                                                                                                                                                                                                                                                                                 |                                                                    |  |  |
|                                                                                                                                                                                                                                                                          | Gymn                                                                                      |                                                                                                                                                                                                                                                                                                                 |                                                                    |  |  |
| O-martin Mark 10 152                                                                                                                                                                                                                                                     |                                                                                           | Cotimin D                                                                                                                                                                                                                                                                                                       |                                                                    |  |  |
| Gymnetis MacL. 19–153 13921. salléi Schaum 49–255 marmorea Burm 42–285 tristis Burm. 45–551 22. argenteola Bates 89–354 a. lætula Csy. 15–281 (Gymnetina Csy. 15–284) 23. cretacea Lec. 66–80  Cotinis Burm. 42–254 (Allorrhina ‡ Burm. 42–251 13924. texana Csy. 15–287 | Tex.Mex.Ariz. Mex. Mex. Mex. Ariz. Ariz. Ariz.                                            | Cotinis Burm.  13926. abdominalis Csy. 15–288  27. debiliceps Csy. 15–289  28. longula Csy. 15–290  29. angustula Csy. 15–290  30. parvula Csy. 15–291  31. nitida (L.) 64–26  flagranticeps Voet 66–16  a. ornata Csy. 15–291  b. tibialis Csy. 15–292  c. pygidialis Csy. 15–292  32. longitarsis Csy. 15–292 | Tex. Ariz. Va. Ind.? Va. N.C. ConnVaLa. [Ind. Fla. Tex. ? Mo. Tex. |  |  |
| mutabilis ‡ G.&P. 33–334                                                                                                                                                                                                                                                 | Mex.                                                                                      | a. seriella Csy. 15–293                                                                                                                                                                                                                                                                                         | Tex.                                                               |  |  |
| 25. arizonica Čsy. 15–287                                                                                                                                                                                                                                                | Ariz.                                                                                     | 33. impia (Fall) 05–272                                                                                                                                                                                                                                                                                         | Ariz.                                                              |  |  |
| No                                                                                                                                                                                                                                                                       | Cetoniini                                                                                 |                                                                                                                                                                                                                                                                                                                 |                                                                    |  |  |
| Euphoria Burm. 42–370<br>I. (Euryomia ‡ auct.)                                                                                                                                                                                                                           |                                                                                           | Euphoria Burm. 13947. texana Schauf. 63–113                                                                                                                                                                                                                                                                     | Tex. Kan.                                                          |  |  |
| (Erirhipis Burm. 42–385)                                                                                                                                                                                                                                                 |                                                                                           | 48. æstuosa Horn 80–400                                                                                                                                                                                                                                                                                         | Kan. [Colo.                                                        |  |  |
| 13934. holochloris Fall 05–273                                                                                                                                                                                                                                           | Ariz.                                                                                     |                                                                                                                                                                                                                                                                                                                 |                                                                    |  |  |
| 35. limbalis Fall 05–273                                                                                                                                                                                                                                                 | Fla.                                                                                      | IV. (Euphorhipis Csy. 15–49. histrionica Thoms. 78–27                                                                                                                                                                                                                                                           | 314)<br>Ariz.                                                      |  |  |
| fulgida var. Sz. 78–451                                                                                                                                                                                                                                                  | (T)                                                                                       | sonoræ Bates 89–374                                                                                                                                                                                                                                                                                             | Ariz.                                                              |  |  |
| 36. fuscocyanea Csy. 15–303<br>37. fulgida (Fab.) 75–48                                                                                                                                                                                                                  | Tex.<br>CtMich                                                                            | 50. scabiosa Csy. 15–316                                                                                                                                                                                                                                                                                        | Ariz.                                                              |  |  |
| 38. herbacea (Oliv.) 90–35                                                                                                                                                                                                                                               | Ind. [Tex. N.YMd.                                                                         | V. (Rhipiphoria Csy. 15-3<br>51. arizonica Schffr. 07-73                                                                                                                                                                                                                                                        | 16)<br>Ariz.                                                       |  |  |
| antennata (G.&P.) 33–177                                                                                                                                                                                                                                                 |                                                                                           | VI. (Euphoria s.str.)                                                                                                                                                                                                                                                                                           |                                                                    |  |  |
| pubera (Gyll.) 17–53<br>a. occidentalis Knaus 16–82                                                                                                                                                                                                                      | Kan.                                                                                      | 52. nitens Csy. 15–320                                                                                                                                                                                                                                                                                          | Tex.                                                               |  |  |
| 39. testacea Csy. 15–305                                                                                                                                                                                                                                                 | N.Mex. Ariz.                                                                              | melancholica Horn nec G.                                                                                                                                                                                                                                                                                        | &P.                                                                |  |  |
| a. rufina (G.&P.) 33–206<br>subtomentosa ‡ Mann. 37-<br>histrionella ‡ Schffr. 07–74                                                                                                                                                                                     |                                                                                           | 53. sepulchralis (Fab.) 01–156<br>reichei (G.&P.) 33–210                                                                                                                                                                                                                                                        | Fla.<br>Tex. La. Mo.<br>Mex. [Ind.Fla.                             |  |  |
| — californica Lec. 66–80                                                                                                                                                                                                                                                 | (L.Cal.?)                                                                                 | a. kansana Csy. 15–321                                                                                                                                                                                                                                                                                          | Kan. La.                                                           |  |  |
| ?leucographa ‡ auct. nec (                                                                                                                                                                                                                                               | G. & P.                                                                                   | b. crinitula Csy. 15–321                                                                                                                                                                                                                                                                                        | So.Ill. Mo.                                                        |  |  |
| II. (Erirhipidia Csy. 15–3                                                                                                                                                                                                                                               | 08)                                                                                       | c. floridana Csy. 15–321<br>d. cuprascens Csy. 15–322                                                                                                                                                                                                                                                           | Fla.<br>Kan.                                                       |  |  |
| 40. inda (L.) 64–27                                                                                                                                                                                                                                                      | Conn. Fla.                                                                                | 54. appalachia Csy. 15–322                                                                                                                                                                                                                                                                                      | MdNo.Ala.                                                          |  |  |
| manulandia (Frank) 09 1                                                                                                                                                                                                                                                  | $\operatorname{Neb.Ind.Ariz.}$                                                            | 55. scolopacea Csy. 15–322                                                                                                                                                                                                                                                                                      | N.CFla.                                                            |  |  |
| marylandica (Froel.) 92–1<br>barbata (Say) 23–239                                                                                                                                                                                                                        | 10                                                                                        | 56. oxysternum Csy. 15–323                                                                                                                                                                                                                                                                                      | Ind.                                                               |  |  |
| brunnea (G.&P.) 33–267                                                                                                                                                                                                                                                   | Mex.                                                                                      | 57. fascifera (Lec.) 61–336                                                                                                                                                                                                                                                                                     | L.Cal.                                                             |  |  |
| a. nigripennis Klages 94–198                                                                                                                                                                                                                                             |                                                                                           | a. trapezium Csy. 15–324                                                                                                                                                                                                                                                                                        | Ariz.                                                              |  |  |
| 41. rufobrunnea Csy. 15–309<br>42. schotti Lec. 53–441                                                                                                                                                                                                                   | N.MexWash.<br>Tex.                                                                        | VII. ( <i>Isorhipina</i> Csy. 15–5<br>58. devulsa Horn 80–402                                                                                                                                                                                                                                                   | 326)<br>Tex.                                                       |  |  |
| III. (Haplophoria Csy. 15                                                                                                                                                                                                                                                | -310)                                                                                     | VIII. (Parisorhipis Csy. 1                                                                                                                                                                                                                                                                                      | 5-332)                                                             |  |  |
| 43. clarki Lec. 53–441                                                                                                                                                                                                                                                   | KanN.Mex.                                                                                 | 59. insignis Csy. 15–333                                                                                                                                                                                                                                                                                        | Tex.                                                               |  |  |
| 44. wichitana Csy. 15–312                                                                                                                                                                                                                                                | Kan.                                                                                      | ?discicollis Thom. 78-28                                                                                                                                                                                                                                                                                        | N.Am.                                                              |  |  |
| 45. connivens Csy. 15-312<br>46. kerni Hald. 52-374                                                                                                                                                                                                                      | Tex. Ariz.<br>Tex. N.Mex.                                                                 | Euphoriaspis Csy. 15-333                                                                                                                                                                                                                                                                                        |                                                                    |  |  |
|                                                                                                                                                                                                                                                                          | Colo.                                                                                     | 13960. hirtipes (Horn) 80–401                                                                                                                                                                                                                                                                                   | Neb.                                                               |  |  |

| Tropinota Muls. 42–575                                                    |                               | Stephanucha Burm. 42–394                                                             |                            |
|---------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------|----------------------------|
| 13961. vestita (Say) 25–201<br>?hirtella (L.) 58–556<br>?hirta Fab. 75–50 | Utah?Mass.<br>Eur. Asia, Sib. | 13963. pilipennis Kr. 83–384<br>64. arcata (Fab.) 75–50<br>65. thoracica Csy. 15–339 | Kan.<br>N.J. Conn.<br>Fla. |

Anatropis Csy. 15–336 13962. verticalis (Horn) 80–400 N.Mex.So.Cal.

#### CREMASTOCHEILINI

Casey 15

|                                                                                                              | Casey                                                                  | *0                                                                                                                                                   |                                                       |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Psilocnemis Burm. 42–676<br>13966. leucosticta Burm. 42–677<br>polita (Schaum) 44–397                        | Md. N.C.                                                               | Cremastocheilus Knoch<br>pilosicollis Horn 79–390<br>13984. maritimus Csy. 15–355                                                                    | So.Cal. Nev.<br>Cal.[Or.Wash.<br>No.Cal.              |
| Genuchinus Westw. 74–23<br>13967. ineptus (Horn) 85–127<br>68. angustus Csy. 15–344                          | Ariz. So.Cal.<br>Ariz.                                                 | 85. densicollis Csy. 15–355<br>86. obliquus Csy. 15–356<br>87. montanus Csy. 15–357<br>88. congener Csy. 15–357                                      | Wash.<br>No.Cal. Or.<br>Wash.                         |
| Lissomelas Bates 89–376<br>13969. flohri Bates 89–376                                                        | Mex. Ariz.                                                             | 89. angularis Lec. 57–37<br>90. compressipes Csy. 15–358<br>91. mexicanus Schaum 41–256                                                              |                                                       |
| Macropodina Csy. 15–344<br>13970. planata (Lec.) 66–81<br>depressa (Horn) 71–340<br>71. ampla Csy. 15–346    | ArizCal.<br>So.Cal.<br>Cal.                                            | 92. crinitus Lec. 74–55  93. bifoveatus VanD. 18–14 94. pugetanus Csy. 15–359                                                                        | N.Mex. Tex.<br>So.Cal.<br>Ariz. B.C.<br>Wash. Id. Ut. |
| <b>Cremastocheilus</b> Knoch 01–115 13972. harrisi Kby. 27–271                                               | N.J. N.Y. Ct.<br>Can. Ill. Ind.                                        | 95. knochi Lec. 53–231<br>crenicollis Westw. 74–65<br>a. gracilipes Csy. 15–360                                                                      | Mo. Man<br>N.MexIll.<br>[Ind.<br>Kan.                 |
| 73. canaliculatus Kby. 27–151<br>hentzi Harris 25–386                                                        | Can. Ga. Ill.                                                          | b. areolatus Csy. 15–361<br>96. tibialis Csy. 15–361<br>97. schaumi Lec. 53–231                                                                      | ?<br>Ariz.<br>So.Cal.                                 |
| 74. castaneæ Knoch 01–115<br>lecontei Wcstw. 74–60                                                           | [Ct. Ind.<br>N.YN.C.<br>[Colo. Ind. Ct.<br>Man.                        | crassipes Westw. 74–204<br>98. westwoodi Horn 79–389<br>schaumi Westw. nec Lec.                                                                      | So.Cal.                                               |
| 75. pocularis Csy. 15–350<br>76. brevisetosus Csy. 15–350<br>77. retractus Lec. 74–54<br>walshi Westw. 74–60 | Iowa<br>Tex. Ia.                                                       | 99. tridens Csy. 15–363<br>14000. quadratus Fall 12–43                                                                                               | So.Cal.<br>Ariz.                                      |
| 78. incisus Csy. 15–351 79. squamulosus Lec. 58–17 junior Westw. mss.                                        | Colo. Kan.<br>Fla. N.C. Ga.                                            | <b>Trinodia</b> Csy. 15–365<br>14001. saucia (Lec.) 58–16                                                                                            | Kan. Colo.<br>Neb. Tex.                               |
| 80. variolosus Kby. 26–516<br>sayi Harris 25–388<br>cicatricosus Westw. mss.<br>percheroni Westw. i.litt.    | M.St. N.C. Ct.<br>Pa.<br>S.C.                                          | 02. hirsutus (VanD.) 18–13<br>03. spinifer (Horn) 85–126<br>04. opacula (Horn) 94–399<br>05. setosifrons Csy. 15–368<br>06. quadricollis Csy. 15–368 | Ariz.<br>Tex.<br>L.Cal. Ariz.<br>Kan.<br>Tex.         |
| (Myrmeceicon W. M. Man<br>81. nitens Lec. 53-232<br>82. cribripennis Csy. 15-354<br>83. armatus Walk. 66-320 | n 11–179)<br>Mo. Kan Neb.<br>So.Cal. [Ariz.?<br>VancNo.Cal.<br>E.Wash. | 07. planipes (Horn) 85–127  (Anatrinodia Csy. 15–369) 08. wheeleri (Lec.) 76–516                                                                     | Ariz.  Neb.Colo.Cal.  Mont. So.Cal.                   |
|                                                                                                              |                                                                        |                                                                                                                                                      |                                                       |

# TRICHIINI

\* Cascy 15

| Osmoderma Serv. 25-702<br>(Gymnodus Kby. 37-140)                                                                                                                      |                                         | Osmoderma Serv. — socialis Horn 71–3381                                                                                  | •              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------|
| 14009. delicatula Csy. 15–373<br>10. scabra (Beauv.) 05–58<br>beauvoisi Bainb. 42–215<br>foveatus (Kby.) 37–140<br>a. rugosa Kby. 37–140<br>b. gracilipes Csy. 15–374 | Me.<br>Conn.Md.Ind.<br>Pa. N.Y.<br>Wis. | Gnorimella Csy. 15–378 (Gnorimus ‡ auct.) 14013. maculosa (Knoch) 01–109 bigsbyi (Kby.) 27–155 dissimilis (G.&P.) 33–102 | [Fla.Conn.     |
| 11. caviceps Csy. 15–374<br>a. lacustrina Csy. 15–375<br>12. ercmicola Knoch 01–105                                                                                   | Mich.<br>Mich.<br>N.Y. Va. Mo.          | <b>Roplisa</b> Csy. 09–284<br>14014. floridana Csy. 09–284                                                               | Fla.           |
| a. subplanata Csy. 15–376                                                                                                                                             | Wis.Ind.Conn.<br>Mo.                    | Trigonopeltastes Burm. 40–406 14015. delta (Forst.) 71–7                                                                 | N.C. Fla. Tex. |

<sup>&</sup>lt;sup>1</sup> Described from a series of O. eremita of Europe, erroneously labeled.

| Trichiotinus Csy. 15–381 ( Trichius ‡ auct.)  14016. piger (Fab.) 75–40  drummondi (G.&P.) 33–88 rotundicollis (Kby.) 37–138  17. texanus (Horn) 76–195 a. monticola Csy. 15–383 N.Mex. 18. intermedius Csy. 15–384 La. 19. reductus Csy. 15–384 Co. rufobrunneus Csy. 14–375 La. 21. obesulus Csy. 14–375 Fla. 22. assimilis (Kby.) 37–137 bistriga (Newn.) 38–170 Co. viridans (Kby.) 37–137 L.Sup. mutabilis (Schaum) 44–400 Co. ventricosus Csy. 15–387 Mich. Co. variabilis (Schaum) 41–240 Mich. R.I.Mich.N.C. variabilis (Schaum) 41–240 Mich. Fla. Co. parvulus Csy. 15–388 N.Y. | Trichiotinus Csy.  14027. bibens (Fab.) 75-40 PaN.C. Ind. bidens (Oliv.) 90-62  28. viridulus (Fab.) 75-820 LaTex. Fla. virens (L.) 88-1584  a. semiviridis (Csy.) 14-376 Fla. b. rasilicauda Csy. 15-390 Ala. Fla. c. rufiventris Csy. 15-390 N.C.  29. lunulatus (Fab.) 75-41 N.C. carolinensis (Csy.) 14-376 N.C.  Valgus Scriba 90-66 (Homovalgus Kolbe 97-214)  14030. squamiger (Beauv.) 05-59 Conn. N.C. Ia. seticollis (Beauv.) 05-59 [Ind. (Acanthurus Kby. 27-155)  31. canaliculatus(Fab.) 75-121 Pa. N.C. Ky. variegatus (Beauv.) 05-59 [Ind. 32. minutus Csy. 09-283 La. 33. californicus Horn 70-78 Cal. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# LUCANIDÆ

MacLeay 19; Fuchs 83; van Roon 10

## LUCANINÆ

| Pseudolucanus Hope 45–30<br>14034. capreolus (L.) 64–32<br>dama (Fab.) 01–249   | N.Y. Pa. Ill.<br>D.C. Ind.<br>[Conn. | Pseudolucanus Hope<br>14036. placidus (Say) 25–202<br>lentus (Cast.) 37–171                          | Ill. Pa. Ind.                               |
|---------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------|
| muticus (Thunb.) 06–205<br>trigonus (Thunb.) 06–200<br>35. mazama (Lec.) 61–345 |                                      | Lucanus Scop. 63–1<br>14037. elaphus Fab. 75–2<br>cervus var. DeG. 74–33<br>a. carlengi Angell 16–70 | N.C. Va. Ill.<br>[Ind. Okla.<br>Ky. No.Ill. |
|                                                                                 | DOR                                  | CINÆ                                                                                                 | •                                           |

| Dorcus MacL. 19-111        |               | Platycerus Geof.                |              |
|----------------------------|---------------|---------------------------------|--------------|
| 14038. brevis Say 25–202   | N.J. Va.      | 14043. oregonensis Westw.44–106 | or.Cal.      |
| 39. parallelus Say 23-248  | N.Y.S.C.Tenn. | a. cœrulescens Lec. 61–345 &    |              |
| •                          | Ind. Md. Pa.  | 44. chalybæus Csy. 97–639       | Cal.         |
| costatus Lec. 66–380 ♀     | [Conn.        | 45. depressus Lec. 50–224       | L.Sup. Dak.  |
| oblongus Charp. 25–214     |               |                                 | Colo. H.B.T. |
| ?vocti Schön. 06–326       |               | ?piceus Kby. 37–141             | [Ariz. Nfld. |
| a. carnochani Angell 16–70 | N.Y.          | 46. marginalis Csy. 97–639      | Wash.        |
| 40. nanus Csy. 09–278      | Ind.?         | 47. agassizi Lec. 61–345        | Cal.         |
|                            |               | 48. laticollis Csy. 14–373      | Or.          |
| Platycerus Geof. 62-62     |               | 49. pacificus Csy. 89–165       | Cal.         |
| (Systenocerus Weise Eur. C | Cat.)         | 50. parvicollis Csy. 89–164     | Cal.         |
| 14041. quercus Web. 01–85  | N.Y. Pa. N.C. | 51. californicus Csy. 85–331    | No.Cal. Or.  |
|                            | D.C. Ind.     | 52. thoracicus Csy. 95–154      | Cal.         |
| securidens Say 23–249      | [Conn.        | pedicellaris Möll. 11–302       | Cal.         |
| ?virescens (Fab.) 94–87    |               | 53. latus Fall 01–291           | Cal.         |
| a. angustus Csy. 09–280    | Colo.?        | 54. opacus Fall 06–393          | Cal.         |
| b. iowanus Csy. 09–280     | Iowa          | 55. keeni Csy. 95–153           | Alas.        |
| 42. peregrinus Csy. 09–280 | Or.           |                                 |              |

# ÆSALINÆ

| Diphyllostoma Fall 01–324<br>(Phyllostoma    Fall 01–290)            | Ceruchus MacL.<br>14058. piceus (Web.) 01–84                                         | N.Y. Pa. O.          |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------|
| 14056. fimbriata Fall 01–290 Cal.<br>57. nigricollis Fall 12–42 Cal. | balbi Cast. 37–174                                                                   | D.C. Ind.<br>[Conn.  |
| Ceruchus MacL. 19–115<br>(Platycerus    Latr. 07–133)                | quercicola Melsh. ined.<br>59. virginiensis Csy. 14–372<br>60. punctatus Lec. 69–377 | W.Va.<br>Colo. Wash. |

Ceruchus MacL. 14061. striatus Lec. 59-85

Wash. Or. Cal.

**Nicagus** Lcc. 60-139 14062. obscurus (Lcc.) 48-86

N.Y. Ind.

#### SINODENDRINÆ

Sinodendron Hellw. 94–391 (Ligniperda Fab. 01-18) 14063. rugosum Mann. 43-262

Sinodendron Hellw.

?americanum Beauv.05-192

N.Am.

So.Cal. Or. Wash.

#### PASSALIDÆ

Passalus Fab. 92-11 14064. cornutus Fab. 01-256 disjunctus Ill. 22–78 distinctus Web. 01–79 ?interruptus L. 64–35

Conn.Fla.Tex. [Ind. Neleus Kaup. 69-30 14065. tlascala Perch. 35–45 Mex. L.Cal.

# CERAMBYCOIDEA

#### CERAMBYCIDÆ

#### PRIONINÆ

Casey 12; Lamcere 13

#### PARANDRINI

Parandra Latr. 04-252

(Archandra Lmr. 12-114)

14066. polita Say 35–192

cylindrica Thoms. 60-82

( Neandra Lmr. 12-114)

67. brunnea (Fab.) 98-49

C.Am. Mcx. Ariz. So.St.

[Ind. Va. Tex.

Conn. Ind. So.Cal.

Parandra Latr.

purpurea (Hbst.) 99-21 N.J.Pa.Vt.Ga. sayi Thoms. 67–114 quadricollis Thoms. 67–114 Colo. Cal. conformis Thoms. 67-115 dentata Thoms. 67–115 minuta Thoms. 67–116

14068. ampliceps Csy. 12–216

Ind. 69. gravidula Csy. 12-216 Pa. & Westw.

#### MACROTOMINI

Archetypi Strongylaspis Thoms. 60-313

W.I. So.Fla. 14070. corticaria (Er.) 48–571 scobinata Thoms. 60–313

Basitoxi

Archodontes Lmr. 03-216

(Aplagiognathus Thoms. 64-307 pars) (Apagiognathus ‡ err. typ.)

14071. mclanopus (L.) 67-623 So.Atl.St. Ga. Fla. So.Cal.

a. cilipes (Say) 23-327 Tex. simplicicollis (Hald.) 47-30 biimpressus (Hald.) 47–30 dasystomus (Hald.) 47–31

b. scrrulatus (Lec.) 54-82 Ariz. Tex.

(Paramallus Csy. 12-227)

72. arizonicus (Csy.) 12–228 Ariz.

Stenodontes

Stenodontes Serv. 32-173 (Mallodon Serv. 32-176) Stenodontes Serv.

14073. molarius Bates 79-9

C.Am. Mcx.-L.Cal.

74. dasystomus (Say) 23–326 Ga. La. Tex. melanopus (Hald.) 47–31 spinibarbis (Hald.) 47–31 costulatus (Lec.) 52–111 [Fla. Va. degeneratus Thoms. 67-95

75. debile Csy. 12–222 Ala.

(Nothopleurus Lac. 69–125) (Opheltes Thoms. 64–306)

76. lobigenis Bates 84-235 Mex. Tex. Cal. dentiger Cr. Check List 73 [L.Cal. gnatho || Lec. 58-81 mandibularis Gemin. 72-254

So.Cal.

(Stenodontes s. str.) 77. parallelus Csy. 12–225 So.Fla. exsertus (Oliv.) 95–66 W.I. (Fla.?) mandibularis (Fab.) 01–261 [Metac. Kcy lævigatus (Beauv.) 05-227

#### Callipogonini

Ergates Serv. 32-143

s Serv. 32–14a (*Trichocnemis* Lec. 52–110) ( *Trichocnemis* Lec. 52–110 No.Cal.-Vanc. 14078. spiculatus Lec. 52–110 californicus White 53-37 & [So.Cal.

Ergates Scrv.

spiculiger White 53-39 Q

a. ncomexicanus Csy. 90–491 N.Mex. Colo. marmoratus Ckll. 90–161

Derancistrus Serv. 32–181 (Elateropsis Chev. 62–269)

14079. scabrosus Gahan 90–29

#### DERANCISTRINI

Cuba & Fla.

Derancistrus Serv.

(Sphenostethus Hald. 45–126) 14080. taslei Buq. 41–39 N

N.J.-La. Ind.

|                                                          | (Kcy West)                   |               |                                                          | N.C.Ky.M.St.    |
|----------------------------------------------------------|------------------------------|---------------|----------------------------------------------------------|-----------------|
| fuliginosus ‡ Chev. 62–27                                | l nec Fab.                   |               | scrripennis Hald. 45–126                                 |                 |
|                                                          | Pri                          | ONINI         | -                                                        |                 |
| Derobrachi                                               |                              | Prion         | us Fab.                                                  |                 |
| Derobrachus Serv. 32-154                                 |                              |               | acomanus Csy. 12–241                                     | N.Mex.          |
| (Orthosoma Serv. 32–155)                                 | G. N. D. A                   |               | proximans Csy. 12–241                                    | N.Mex.          |
| 14081. brunneus (Forst.) 71–37                           | Ct. N.E.Am.                  |               | angustulus Csy. 12–241                                   | Ariz.           |
| unicolor (Drury) 73–83                                   | Ind.<br>N.Y. Atl.St.         |               | horni Lmr. 12–243<br>ineptus Csy. 12–242                 | Ariz.<br>Cal.   |
| unicolor (Drury) 15-85                                   | N.J. S.C. N.C.               |               | punctulatus Csy. 12–243                                  | Ariz.           |
|                                                          | Ky. Ga. Fla.                 |               | fissifrons Csy. 12–243                                   | Ariz.           |
| pennsylvanicus (DeG.) 75                                 | 5-99                         |               | texanus Csy. 12–243                                      | Tex.            |
| eylindricus (Fab.) 81–207                                |                              | 1.4000        | terminalis Csy. 12–244                                   | Ariz.           |
| cylindroides (Gmel.) 89–1                                | .818                         | 14088.        | heroicus Semen. 07–259<br>heros    Fall 05–274           | Ariz.           |
| sulcatus (Oliv.) 95–66<br>amplians Csy. 12–231           | Ind.                         |               | tumidus Csy. 12–235                                      | N.Mex.          |
| spadix Csy. 12–231                                       | L.I.                         |               | vastus Csy. 12–236                                       | Ariz.           |
| $(Derobrachus 	ext{ s.str.})$                            |                              |               | tristis Csy. 12–236                                      | N.Mex.          |
| (Braderochus Lac. 69-74)                                 | pars)                        |               | alutaceus Csy. 12–237                                    | Ariz.           |
| 14082. brevicollis Serv. 32–155                          | Ga. La. Fla.                 |               | tetricus Csy. 12–237                                     | N.Mex.<br>Colo. |
| 83. geminatus Lec. 53–233                                | Ariz.S.W.U.S.                |               | solidus Csy. 12–238                                      |                 |
| f 'D + 04 000                                            | Tex.                         |               | (Neopolyarthron Semen. 9                                 | 9–255)          |
| a. forreri Batcs 84–230                                  | So.Cal. Mex.<br>L.Cal.       | 80            | ( <i>Riponus</i> Csy. 12–245)<br>imbricornis (L.) 67–622 | Ind. IllLa.     |
| Prioni                                                   | D.Car.                       | 00.           | impricornis (E.) 01 022                                  | Fla. N.Y.       |
| Prionus Fab. 75–159 1                                    |                              | $\mathbf{a}.$ | debilis Csy. 91–21                                       | Ind. Mo. Kan.   |
| 14084. laticollis (Drury) 73-83                          | Ind. Can. Atl.               |               | diversus Csy. 12–247                                     | Ind.            |
|                                                          | St. D.C. N.Y.                |               | cuneatus Csy. 12–247                                     | N.C.            |
| brevicornis Fab. 01–260                                  | [N.J. Ga. La.                |               | mimus Csy. 12–248<br>brunneus Csy. 12–248                | N.C.            |
| kempi Csy. 12–233<br>oblongus Csy. 12–234                | N.Y.<br>Ind.                 |               |                                                          | 11.0.           |
| parvus Csy. 12–234                                       | ?                            | 90            | (Antennalia Csy. 12–249)<br>fissicornis Hald. 45–125     | Colo.Neb.Tex.   |
| validiceps Csy. 12–235                                   | ?                            | <i>50.</i>    | 11331CO11113 114114. 40 120                              | N.Mex. N.C.     |
| 85. pocularis Dalm. 17–148                               | M.&So.St.Ind.                |               | parviceps Csy. 12–250                                    | Tex.            |
| laviantus Hamis 26, 92                                   | Conn. Fla. Ga.               |               | transversus Csy. 12–251                                  | Tex.            |
| lævigatus Harris 36–83<br>obliquicornis Lec. 52–108      | Ga. [N.C.                    |               | (Prionina Csy. 12–231)                                   |                 |
| prolixus Csy. 12–239                                     | ?                            | 91.           | palparis Say 23–327                                      | Neb.Ark.Ariz.   |
| bicolor Csy. 12–239                                      | Ind.                         | 09            | palpalis ‡ auct.                                         | [N.Mex.         |
| curticornis Lec. 52–109                                  | Ga.                          | . شاق         | simplex Csy. 12–253                                      | Kan.            |
| 86. californicus Mots. 45–89<br>crassicornis Lec. 52–108 | So.CalOr.<br>Or. Alas.       | 0.2           | (Homæsthesis Lec. 62–288 integer Lec. 52–107             | Colo. N.Mex.    |
| a. lecontei Lmr. 12–244                                  | Cal.                         |               | emarginatus Say 23–327                                   | Colo. N.Mex.    |
| 87. curvatus Lec. 59–19                                  | N.Mex.                       | 0 2.          | innocius Lec. 62–43(? ♀)                                 | N.Mex.          |
| spiculosus Csy. 12–240                                   | Ariz.                        | 95.           | pubicollis Csy. 12–254                                   | Colo.           |
| consors Csy <sub>:</sub> 12–240                          | Colo.                        | 96.           | debiliceps Csy. 12–255                                   | Colo.           |
|                                                          | Anac                         | OLINI         |                                                          |                 |
| <b>T</b>                                                 | ZINAO                        |               | nama (C                                                  |                 |
| Tragosoma Serv. 32–159                                   |                              |               | soma Scrv.<br>  spiculum Csy. 90–492 &                   | N.Mex. Ariz.    |
| 14097. depsarium (L.) 67–624                             | No.Eur.Sib. &                | υ.            | pilosicorne Csy. 90–492 ♀                                |                 |
|                                                          | N.Am.                        |               | •                                                        |                 |
| a. harrisi Lcc. 52–107                                   | Can. No.U.S.                 |               |                                                          |                 |
|                                                          | Nfld. Vanc.<br>H.B.T. L.Sup. |               |                                                          |                 |
|                                                          | Ont. N.Y. Pa.                |               |                                                          |                 |
|                                                          | Me. Or. Nev.                 |               |                                                          |                 |
|                                                          | Colo.                        |               |                                                          |                 |

<sup>&</sup>lt;sup>1</sup> In cataloguing the names proposed by Casey in Prionus, the introductory paragraph on p. 215 of his Mem. III, stating that some apply to forms connected by intermediates and destined to speedy extinction, coupled with the suggestion on p. 245 that the abnormal characters employed to distinguish some might not prove constant with more material, has been assumed to warrant such doubt as to their standing, as to cause the omission of numbers.

#### CERAMBYCINÆ 1

Aurivillius 12

DISTENIINI

Distenia Serv. 25-485

14098. undata (Fab.) 75–181 undulata (Gmel.) 90–1860 Ind.Fla.Conn.

#### SMODICINI

Smodicum Hald. 47-38

14099. cucujiforme (Say) 27–277 Tex. Atl.St. Ind. Fla. Pa. N.J. La. Va.

cylindrides (Newn.) 38-394 [Conn.

#### Smodicum Hald.

a. convergens Csy. 12-269 Tex.

#### SPONDYLINI

(Spondylidæ Lec.)

| Spondylis Fab. 75–159              | Spondylis Fab.               |                 |
|------------------------------------|------------------------------|-----------------|
| 14100. upiformis Mann. 43-304 Alas |                              | Wash.           |
| 01. laticeps Lec. 50–233 L.Sup     | . [Ariz.                     |                 |
| 02. collaris Csy. 12–218 Utah      | Scaphinus Lec. 52–100        |                 |
| 03. robustula Csy. 12–219 Wash     | 14106. muticus (Fab.) 01–265 |                 |
| 04. subpubescens Csy. 12–219 Cal.  | sphæricollis (Lec.) 47–93    | So.St. Ga. Fla. |

#### ASEMINI

Aseminæ Craighead 15-8

Casey 12

| <b>Asemum</b> Esch. 30–66<br>14107. mæstum Hald. 47–35     | Alas. L.Sup              | <b>Tetropium</b> Kby. 37–174<br>14123. abietis Fall 12–320 | Cal.           |
|------------------------------------------------------------|--------------------------|------------------------------------------------------------|----------------|
| obsoletum Hald. 47–35                                      | [Fla.                    | 24. cinnamopterum Kby. 37-                                 | 174            |
| brunneum Hald. 47–35                                       |                          | •                                                          | Alas.Can.N.H.  |
| substriatum Hald. 47–36                                    | Mass.                    |                                                            | N.J.Pa. L.Sup. |
| a. juvencum Hald. 47+36                                    |                          |                                                            | Ind. Nfld.     |
| fuscum Hald. 47–36                                         |                          | 25. parallelum Csy. 92–23                                  | Colo. N.Mex.   |
| striatum    Kby. 37–171                                    |                          | 26. columbianum Csy. 12–268                                |                |
| 08. gracilicorne Csy. 12–258                               | Wis.                     | 27. schwarzianum Csy. 92–24                                | Mich.          |
| 09. ebenum Csy. 12–258                                     | L.Sup.                   | 28. velutinum Lec. 69–382                                  | CalVanc.       |
| 10. curtipenne Csy. 12–258                                 | Wis.                     | 29. parvulum Csy. 92–24                                    | Ind. [Mon.     |
| 11. amputatum Csy. 12–259                                  | Mass.                    | 30. castancum Payk. 00–36                                  | Greenland      |
| 12. atrum Esch. 30–66                                      | UtWash.                  |                                                            |                |
| 13. parvicorne Csy. 12–260                                 | Colo.                    | Criocephalus Muls. 39-63                                   |                |
| 14. fulvipenne Csy. 12–260                                 | Wyom.                    | 14131. productus Lec. 50–36                                | Colo. Or.      |
| 15. costulatum Csy. 12–260                                 | Br.Col.                  |                                                            | So.Cal.        |
| 16. pugetanum Csy. 12–261                                  | Wash.                    | 32. agrestis (Kby.) 37–170                                 | Nfld.Can.Lab.  |
| 17. brevicorne Csy. 12–261                                 | Ont.                     | 00 1                                                       | Me. L.Sup.     |
| - 10 000                                                   |                          | 33. lacustrinus Csy. 12–267                                | Wis.           |
| <b>Liasemum</b> Csy. 12–262                                | 0 0 0 1                  | 34. cervinus Csy. 12–267                                   | Ind.           |
| 14118. nitidum Lec. 73–169                                 | Or. So.Cal.              | 35. asperatus Lec. 59–19                                   | So.Cal. Neb.   |
| 19. mokelumne Csy. 12–262                                  | Cal.                     | 20 6likawi Car 10 000                                      | N.MexMon.      |
| Machine Co. 10 000 /co. D                                  | _14\                     | 36. filitarsis Csy. 12–266                                 | Tex. [Cal.     |
| <b>Nothorhina</b> Csy. 12–263 (nec Re                      | Or. Vanc.                | 37. cavicollis Csy. 12–266                                 | Colo.          |
| 14120. aspcra Lec. 54–18                                   |                          | 38. montanus Lec. 73–170                                   | Colo.          |
| a. impressa Csy. 12–264                                    | Colo. [No.Cal.<br>N.Mex. | 39. obsoletus (Rand.) 38–27                                | Fla. W.N.Y.    |
| b. rectipennis Csy. 12–264<br>21. spissicornis Csy. 12–264 | Colo.                    | 40. mexicanus Thoms. 50-260                                | Can. Ind. Lab. |
| a. longicornis Csy. 12–264                                 | Colo.                    | obscurus Lec. 50–36                                        | Ariz.          |
| 22. gracilipes Csy. 12–265                                 | N.Mex.                   | 41. nubilus Lec. 50–26                                     | Fla.           |
| 22. gracinges Csy. 12-200                                  | IA'THEON.                | 42. australis Lec. 50–35                                   | Ga.            |
|                                                            |                          | 12. austrans Dec. 90-99                                    | Ua.            |

#### SAPHANINI

Opsimus Thoms. 60–377 14143. quadrilineatus Mann. 43–305

**Dicentrus** Lec. 80–195 14144. blüthneri Lec. 80–195

No.Cal.

Alas. Or. Vanc. No.Cal.

 $<sup>^{1}</sup>$  Compare Craighead 15–8 on separation of subfamilies by larval characters.

| OEMINI                                                                                                                          |                               |                                                                                                                                                                 |                                 |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Eucrossus Lec. 73–174<br>14145. villicornis Lec. 73–175                                                                         | So.Cal. Ariz.                 | Eudistenia Fall 07–82<br>14151. costipennis Fall 07–83                                                                                                          | So.Cal.                         |
| (Sclerocerus Lec. 50–20)<br>14146. rigida (Say) 27–274<br>linearis (Harris) 37–85<br>indecora Newn. 40–8<br>mutica Hald. 47–374 | Conn. Fla.                    | Malacopterus Serv. 33–565<br>(Ganimus Lec. 73–173)<br>14152. tcnellus (Fab.) 01–335<br>lineatus Guér. 44–222<br>mexicanus Thoms. 60–248<br>vittatus Lec. 73–173 | S.AmSo.Cal.                     |
| 47. costata Lec. 73–174<br>48. strangulata Horn 80–133<br>49. gracilis Lec. 81–27                                               | Cal.<br>Utah<br>So.Cal. N.Y.? | <b>Dryobius</b> Lec. 50–23<br>14153. sexfasciatus (Say) 23–415                                                                                                  | Ky. Ind. Miss.<br>Valley.       |
| <b>Haplidus</b> Lec. 73–175<br>14150. testaccus Lec. 73–176                                                                     | Cal. Utah                     |                                                                                                                                                                 |                                 |
|                                                                                                                                 | ${f Meti}$                    | HIINI                                                                                                                                                           |                                 |
| *3 II 00 100                                                                                                                    | 1,11311                       |                                                                                                                                                                 |                                 |
| Idœmea Horn 80–138<br>14154. californica Fall 02–256<br>55. fulleri Horn 80–138<br>56. texana Schffr. 08–351                    | So.Cal.<br>Tex.<br>Tex.       | Methia Newn. 14162. mormona Linell 96–399 63. necydalea (Fab.) 98–148 pusilla Newn. 40–18                                                                       | Utah<br>W.I. Fla.               |
| (Malthophia Csy. 12–308)                                                                                                        | So.Cal.                       | 64. punctata Lec. 73–240                                                                                                                                        | W.I.                            |
| 57. oculata (Csy.) 12–309 <b>Styloxus</b> Lec. 73–239 14158. lucanus Lec. 73–240                                                | L.Cal.                        | <b>Tessaropa</b> Hald. 47–375<br>( <i>Dysphaga</i> Lec. 52–143)<br>14165. bicolor Horn 85–196                                                                   | Tex.                            |
| Methia Newn. 42-418<br>( Thia    Newn. 40-18)                                                                                   |                               | 66. debilis Horn 95–246<br>67. lævis Lec. 73–240<br>68. tenuipes (Hald.) 45–126                                                                                 | L.Cal.<br>Ill.<br>N.Y. N.J. Pa. |
| 14159. æstiva Fall 70–86<br>60. arizonica Schffr. 08–352<br>61. constricticollis Schffr. 08–                                    | Cal.<br>Ariz.<br>351<br>Tex.  | ventralis Hald. 47–375 Q 69. apicalis Csy. 14–371                                                                                                               | Pa.                             |
|                                                                                                                                 | _ 0                           |                                                                                                                                                                 |                                 |
|                                                                                                                                 | Achrys                        | SONINI                                                                                                                                                          |                                 |
| Achryson Serv. 33-572                                                                                                           |                               | Achryson Serv.                                                                                                                                                  |                                 |
| ( <i>Geropa</i> Csy. 12–305)<br>14170. concolor Lec. 73–176<br>æquicollis Csy. 12–306                                           | Tex.<br>Tex.                  | (Achryson Serv. s. str.)<br>14171. surinamum (L.) 67–632<br>surinamense (Oliv.) 95–42                                                                           | S.AmU. S.<br>[Tex. So.Ariz.     |
|                                                                                                                                 | Ceram                         | BYCINI                                                                                                                                                          |                                 |
| Hamaticherus Scrv. 34–15                                                                                                        |                               | Atylostagma White 53-97                                                                                                                                         |                                 |
| 14172. mexicanus Thoms. 60–196 castaneus Bates 70–250                                                                           | So.Am. Mex.<br>[L.Cal.        | 14173. glabrum Schffr. 09–99                                                                                                                                    | Ariz.                           |
|                                                                                                                                 | Hespero                       | ,<br>PIIANINI                                                                                                                                                   |                                 |
| Osmidus Lec. 73–177                                                                                                             |                               | Chion Newn. 41–23                                                                                                                                               |                                 |
| 14174. guttatus Lec. 73–178                                                                                                     | L.Cal.                        | ( <i>Cerasphorus</i> Lec. 50–11)<br>14181. cinetus (Drury) 70–85                                                                                                | Tex.Ind.Conn.                   |
| <b>Chrotoma</b> Csy. 92–27<br>14175. dunniana Csy. 92–27                                                                        | Tex.                          | balteatus (DeG.) 75–111<br>garganicus (Fab.) 75–178                                                                                                             | 1 CAMINI. COMI                  |
| <b>Zamodes</b> Lec. 73–187<br>14176. obscurus Lec. 73–188                                                                       | Pa. N.J.                      | quadrispinosus Hald. 47–3<br>ruricola (Gmel.) 90–1860                                                                                                           | 2                               |
| Tylonotus Hald. 47–37<br>14177. bimaculatus Hald. 47–134                                                                        | Pa. N.Y. Ind.                 | rusticus (Fab.) 81–228<br>a. ochraceus Bates 84–243<br>b. sonorensis Schffr. 08–332                                                                             | Mex. Fla.                       |
| <b>Stromatium</b> Serv. 34–80<br>14178. fulvum (Villers) 89–256<br>unicolor (Oliv.) 95–58<br>79. pubescens Hald. 47–34          | Cosmop.                       | Brothylus Lcc. 59–80<br>14182. conspersus Lcc. 83–285<br>83. gemmulatus Lcc. 59–280<br>84. subpubescens Schffr. 09–1                                            | Or. No.Cal.<br>Cal. So.Cal.     |
| Gnaphalodes Thoms. 60–235                                                                                                       |                               | 9-1                                                                                                                                                             | $\operatorname{Ariz}$ .         |
|                                                                                                                                 | 1.000                         |                                                                                                                                                                 |                                 |
| 14180. trachydcroides Thoms. 60                                                                                                 | 9-236<br>Tex. Mcx.<br>L.Cal.  | Pantomallus Lac. 69–286<br>14185. ovicollis Lec. 73–180                                                                                                         | Tex.                            |

# EBURIINI

|                                        | EBUI            | RIINI                            |                                         |
|----------------------------------------|-----------------|----------------------------------|-----------------------------------------|
| Eburia Serv. 34-8                      |                 | Eburia Serv.                     |                                         |
| 14186. ulkei Bland 62–270              | L.Cal.          | 14191. stigma (Oliv.) 95–126     | W.I. Fla.                               |
| 87. semipubescens Fall 09–163          |                 | duvali Chev. 62–266              |                                         |
| 88. stigmatica Chev. 34–60             | Mex. Tex.       | 92. distincta Hald. 45–150       | Ga. Miss.                               |
| perforata Lec. 73–180                  | 2.2011 2011     | 93. mutica Lec. 53–233           | Tex. Mex.                               |
| 89. haldemani Lec. 50–102              | Tex. Fla.       | tumida Lec. 73–181 8             | 1011.111011.                            |
| 90. quadrigeminata (Say) 27–           |                 | a. manca Lec. 58–24              |                                         |
| 50. quadrigenimata (Say) 21            | N.E.Amer.Atl.   | conspersa Horn 95–399            | L.Cal. Tex.                             |
|                                        | St. Ind. Fla.   | conspensa from 55 555            | n.can rex.                              |
| quadrimaculata ‡ Oliv. 90              |                 |                                  |                                         |
| quadrimaculata 4 Onv. 90               | 001             |                                  |                                         |
|                                        | T.              |                                  | •                                       |
|                                        | PHORACANTHINI ( | or Elaphidionini                 |                                         |
| Eustromula Ckll. 06-242                |                 | Elaphidion Serv. 34–66           |                                         |
| (Eustroma   Lec. 73–186)               |                 | 14219. irroratum (L.) 67–633     | Ill. N.Y. Fla.                          |
| 14194. validum (Lec.) 58–82            | Tex. L.Cal.     | bidens (Oliv.) 90–306            | [W.I.                                   |
| 111011 (411114111 (2100.)) 00 02       | So.Cal.         | ordinatum Newn. 40–26            | (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|                                        | Do. Cu.         | tessellatum Newn. 40–26          |                                         |
| Axestinus Lec. 73-177                  |                 | 20. mucronatum (Say) 23–427      | Mass. Fla. Mo.                          |
| 14195. obscurus Lec. 73–177            | Tex.            | muricatum Hald. 47–33            | [Ind.                                   |
| 11100. Obscurus Dec. 10 111            | TOX.            | nebulosum Guér. 43–255           | (Allu-                                  |
| Romaleum White 55-309                  |                 | 21. mimeticum Schffr. 05–132     | Tex                                     |
| 14196. atomarium (Drury) 70–93         | M & S St Ind    | 22. mutatum Gahan 90–32          | Cuba, Fla.                              |
| marilandicum (Hald.) 47–               |                 | tomentosum Q Chev. 62-           |                                         |
| multicolor (Gmel.) 90–188              |                 | 23. tectum Lec. 78–414           | Fla.                                    |
| pulverulentum (DeG.) 75                |                 | 24. lanatum Chev. 62–260         | Cuba, Fla.                              |
| variegatum (Goeze) 77–48               |                 | 24. lanatum Chev. 02–200         | Cuba, Fia.                              |
| 97. thoracicum Csy. 12–297             | Tex.            | Anepsyra Csy. 12-293             |                                         |
| 98. hispicorne (L.) 67–634             | N.Mex. Cal.     |                                  | Tex. Ariz.                              |
| pulverulentum (Hald.) 47               |                 | 14225. tenuc (Lec.) 54–81        | L.Cal.                                  |
|                                        | <del>-</del> 04 | 26. volitans (Lec.) 73–186       | 17.Ca1.                                 |
| operarium White 55–309                 | I Co Col Tilo   | Anoflemenths Co. 19 909          |                                         |
| simplicicolle(Hald.)45–151             |                 | Aneflomorpha Csy. 12–293         | NIT Tour Ele                            |
| a. procerum Lec. 59–88                 | Tex. Ariz.      | 14227. subpubescens (Lec.) 62–41 | т                                       |
| 99. rufulum (Hald.) 47–32              | M.St. Ind.      | 28. seminuda Csy. 12–294         | Tex.                                    |
| 14200. mancum Csy. 12–298              | R.I. [Conn.     | 29. lengi (Schffr.) 09–101       | Ariz.                                   |
| 01. crinicorne Csy. 12–298             | Tex.            | 30. aculeatum (Lcc.) 73–184      | Tex.                                    |
| 02. seminitidum Horn 85–130            |                 | 31. lineare (Lec.) 59–20         | So.Cal. Ariz.                           |
| 03. tæniatum Lec. 54–81                | Tex.            | 32. longipennis Csy. 12–294      | No.Cal.                                 |
| senex Bates 84–248                     | n A !           | 33. calvatus (Horn) 85–131       | Ariz.                                   |
| 04. niveitectum Schffr. 05–160         | J Ariz.         | 34. levettci (Csy.) 92–29        | Ariz.                                   |
| ** ** ** ** ** ** ** ** ** ** ** ** ** |                 | 35. imbellis Csy. 14–363         | So.Cal.                                 |
| Hypermallus Lac. 69–302                |                 | A G T #0 10#                     | T () 1                                  |
| 14205. arizonensis Csy. 12–299         | Ariz.           | Aneflus Lec. 73–185              | L.Cal.                                  |
| 06. flumincus Csy. 12–300              | Mo.             | 14236. protensus Lec. 58–82      | Ariz. Mex.                              |
| 07. incertus (Newn.) 40–28             | N.Y. Pa. Tex.   | 37. cochiscnsis Csy. 12–296      | Ariz.                                   |
| aspersus (Hald.) 47–32                 | [Ind. Fla.      | 38. prolixus Lec. 73–203         | L.Cal.                                  |
| neglectus (Lcc.) 50–13                 |                 | 39. fuchsi Wickh. 05–170         | Cal.                                    |
| vicinus (Hald.) 47–33                  | ****            | A 11 TT 11 47 04                 |                                         |
| externus Csy. 12–300                   | Wis.            | <b>Anoplium</b> Hald. 47–34      | /Par. Pa                                |
| 08. compactus Csy. 14–364              | Tex.            | 14240. cincrascens Lec. 50–15    | Tex. Pa.                                |
| 09. brevicornis Csy. 12–301            | Ind.            | 41. pumilum (Newn.) 40–29        | Ga. Tex. Fla.                           |
| 10. abruptus Csy. 12–301               | ?<br>^          | 42. inerme (Newn.) 40–29         | Pa. Tex. Fla.                           |
| 11. villosus (Fab.) 92–302             | AtlTex. Ind.    | 43. mœstum Lec. 53–442           | Tex. Fla.                               |
| pruinosus (Guér.) 43–225               | [Conn.          | 44. pinorum Csy. 14–365          | N.C.                                    |
| putator (Peck) 19–307                  | m               | 45. laterale Csy. 14–365         | Tex.                                    |
| a. scuticularis Csy. 12–302            | Tex.            | 46. albofasciatum Linell 96–39   |                                         |
| 12. militaris Csy. 14–364              | N.Y.            | 45 119 T 70 440                  | So.Cal.                                 |
| 13. lacustris Csy. 12–302              | Wis.            | 47. debilc Lec. 53–442           | Tex.                                    |
| 14. medialis Csy. 12–302               | ?               | 48. truncatum Hald. 47–33        | Tex. Fla.                               |
| a. canadensis Csy. 12–303              | Ont.            | 49. punctatum Lec. 73–185        | L.Cal.                                  |
| b. densicollis Csy. 12–303             | Fla.            | 50. spurcum Lec. 53–442          | Tex.                                    |
| 15. defectus Csy. 12–303               | ?               | 51. imbelle Lec. 81–27           | Cal. So.Cal.                            |
| 16. molliculus Csy. 12–304             | Tex.            | 52. grisescens Bates 85–249      | Mex. So.Fla.                            |
| 17. parallelus (Newn.) 40–29           | Ia.Ga.Fla.Dcl.  | 53. nanum (Fab.) 92–300          | TITE O TO                               |
| arctum (Newn.) 40–29                   |                 | cinereum (Oliv.) 95–69           | W.I. & Fla.                             |
| oblitum Lec. 50–16                     | 40              | 54. brevidens Schffr. 08–333     | Ariz.                                   |
| ?pulverulentus (Oliv.) 95–             |                 | 55. simile Schffr. 08–334        | Ariz.                                   |
| 18. breviusculus Csy. 14–364           |                 | 56. subdepressum Schffr.04–22    |                                         |
| — rusticum Lec. 50–14                  | N.Am.           |                                  | Cal. Ariz.                              |

| Anoplium Hald.<br>14257. niveivestitum Schffr. 05–13                                                                                    |                              | Anoplium Hald.                                                                                                             |                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| (Peribæum Bates nec Tho<br>58. reticolle Bates 85–254                                                                                   | ms.)<br>Mex. L.Cal.<br>Ariz. | 14259. alienum Lec. 75–173                                                                                                 | Ariz.                              |
| Sphaerionini                                                                                                                            |                              |                                                                                                                            |                                    |
| Psyrassa Pasc. 66–481 Pseudibidion Csy. 12–293                                                                                          |                              |                                                                                                                            |                                    |
| 14260. texana Schffr. 05–160<br>61. basicornis Pasc. 66–481                                                                             | Tex.<br>Mex. Tex.            | (Elaphidion ‡ auct.)<br>14263. unicolor (Rand.) 38–42                                                                      | No.St. Ind.                        |
| 62. sallci Bates 85–255                                                                                                                 | Mex. Tex.                    |                                                                                                                            | CanFla.                            |
| . Piezocerini                                                                                                                           |                              |                                                                                                                            |                                    |
| Piezocera Serv. 34-92<br>14264. serraticollis Linell 96-394 Tex.                                                                        |                              |                                                                                                                            |                                    |
| Ibidionini                                                                                                                              |                              |                                                                                                                            |                                    |
| Compsa Perty 30-92                                                                                                                      |                              | Heterachthes Newn.                                                                                                         |                                    |
| 14265. puncticollis Lec. 73–188                                                                                                         | L.Cal. Ariz.                 | 14271. quadrimaculatus (Fab.) 99                                                                                           |                                    |
| asperula Bates 85–266<br>66. quadriplagiata Lec.73–189<br>griseola Bates 92–156                                                         | Mex.<br>L.Cal.<br>Mex.       | 72. fluviatilis Csy. 12–308<br>73. nobilis Lec. 62–41                                                                      | Pa. Mo. Ind.<br>Mo. [Conn.<br>Tex. |
| 67. textilis Thoms. 65–573                                                                                                              | Mex.                         | evancscens Thoms. 67–14                                                                                                    |                                    |
| mexicana Thoms. 65–573<br>a. alacris Bates 80–264                                                                                       | Mex. Tex.                    | Ibidion Serv. 34–103<br>14274. exclamationis Thoms. 60–                                                                    | -201                               |
| Heterachthes Newn. 40-9                                                                                                                 | Fla. So.St.                  | 75. townsendi Linell 96–395                                                                                                | Mex. Tex.<br>Tex.                  |
| 14268. ebenus Newn. 40–9<br>69. floridanus Csy. 12–307                                                                                  | Fla. So.St.                  | Malobidion Schffr. 08–336                                                                                                  |                                    |
| 70. exilissimus Csy. 12–307                                                                                                             | N.C.                         | 14276. brunneum Schffr. 08–337                                                                                             | Ariz.                              |
| Callidiopini                                                                                                                            |                              |                                                                                                                            |                                    |
| Cylindera Newn. 33-509<br>(Curtomerus Steph. 39-273<br>(Cylindrodera G. & H. 73-<br>(Cytomerus G. & H. 73-28<br>(Lampromerus Thoms. 60- | -2922)<br>36)                | Cylindera Newn.<br>14277. flava (Fab.) 75–191<br>lutea (Steph.) 31–249<br>pallida Newn. 33–510<br>pilicornis (Fab.) 92–327 | W.I. Fla.                          |
| (Sotenus Sharp 78–205)                                                                                                                  | ·                            | setigera (Sharp) 78–205                                                                                                    | Honolulu                           |
| Curiini                                                                                                                                 |                              |                                                                                                                            |                                    |
| Curius Newn. 40-17                                                                                                                      | T))                          | Plectromerus Lec. 73–304                                                                                                   |                                    |
| 14278. dentatus Newn. 40–17<br>concinnatus Hald. 47–43                                                                                  | Fla.                         | 14279. dentipes (Oliv.) 90–268<br>dentatus (Lec.) 24–172                                                                   | Ga. Fla.                           |
| Concilmatus Haid. 17 10                                                                                                                 |                              | ?scambus (Newn.) 41–79                                                                                                     | Fla                                |
| Gracilini                                                                                                                               |                              |                                                                                                                            |                                    |
| Hypexilis Horn 85-173                                                                                                                   |                              | Gracilia Serv.                                                                                                             |                                    |
| 14280. pallida Horn 85–173                                                                                                              | Tex.                         | 14283. minuta (Fab.) 81–235 fusca Hald. 47–43                                                                              | †Eur. Pa. N.Y.<br>[Ga.             |
| Gracilia Serv. 34–81                                                                                                                    |                              | 84. obliquata Horn 85–174                                                                                                  | Tex.                               |
| ( <i>Nothrus</i> Hald. 47–43)<br>14281. fasciata Lec. 73–171                                                                            | L.Cal.                       | Lianema Fall 07–85                                                                                                         |                                    |
| 82. manca Lec. 50–24                                                                                                                    | N.Y.                         | 14285. tenuicornis Fall 07–86                                                                                              | Cal. L.Cal.                        |
| Obriini                                                                                                                                 |                              |                                                                                                                            |                                    |
| Obrium Curt. 25–91                                                                                                                      |                              | Obrium Curt.                                                                                                               |                                    |
| (Diozodes Hald. 47-42)                                                                                                                  |                              | 14290. constricticolle Schffr. 08–3                                                                                        |                                    |
| ( <i>Phyton</i> Newn. 40–19)<br>14286. maculatum (Oliv.) 95–32                                                                          | Mex. U.S.                    | 91. rufulum Gahan 08-142                                                                                                   | Ariz.<br>N.YCan.                   |
| limum Newn. 40–18                                                                                                                       | Atl. & Gulf St.              | rubrum ‡Leng 86–28                                                                                                         | Ct.Ind. [Miss.                     |
| pallidum (Say) 23-412                                                                                                                   | Ark.<br>Ind. Tex. Fla.       | 92. rubidum Lec. 50–22                                                                                                     | Pa. Atl.St.                        |
| pallidium Lec. 50–22<br>87. discoideum Lec. 73–190<br>88. mozinnæ Linell 96–395                                                         | L.Cal.<br>Tex.               | <b>Eumichthus</b> Lec. 73–190 14293. ædipus Lec. 73–190                                                                    | Vanc. No.Cal.                      |
| 89. peninsulare Schffr. 08–338 L.Cal.<br>brunneum    Schffr. 04–223                                                                     |                              |                                                                                                                            |                                    |
| † Introduced                                                                                                                            |                              |                                                                                                                            |                                    |

# LEPTURINI

(Lepturinæ Craighead 15-8) (Gahan 06-68)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (Ganan                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rhagium Fab. 75-182                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                        | Stenocorus Fab.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                 |
| (Stencorus Lam. 01–235)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                        | III. Stenocorus s.str.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                 |
| (Stenocorus Oliv. 95–1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                        | 14299 nubifor I on #0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Co Col                                                                                                                                                                          |
| (Hargium Sam. 19–210)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                        | 14322. nubifer Lec. 59–80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | So.Cal.                                                                                                                                                                         |
| 14294. californicum Csy. 13–195                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cal.                                                                                                                                   | a. lateralis Csy. 92–37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cal.                                                                                                                                                                            |
| 95. crassipes Csy. 13–195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Mass.                                                                                                                                  | 23. trivittatus Say 23–422                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N.EngOhio-                                                                                                                                                                      |
| 96. parvicorne Csy. 13–195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mass.                                                                                                                                  | 04' '44' D 1 00 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Miss.                                                                                                                                                                           |
| 97. borealc Csy. 13–195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Wis.                                                                                                                                   | 24. vittiger Rand. 38–29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ont. Minn.                                                                                                                                                                      |
| 98. lineatum Oliv. 95–13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ind. Conn.                                                                                                                             | 25. nigripes Hald. 47–58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Pa.                                                                                                                                                                             |
| 56. inicatum 0:1v. 55–15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Alas. La. Fla.                                                                                                                         | 26. flavolineatus Lec. 54–18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Vanc. Cal.                                                                                                                                                                      |
| 2: (I \ 50 202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                        | 27. virgatus Lec. 74–67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mont. Or.                                                                                                                                                                       |
| ?inquisitor (L.) 58–393                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Eur. Sib. Jap.                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Vanc. B.C.                                                                                                                                                                      |
| indigator Fab. 87–145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7 A1-                                                                                                                                  | 28. pacificus Csy. 13–209                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                            |
| investigator Mann.52–367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                        | 29. tencllus Csy. 13–210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cal                                                                                                                                                                             |
| 99. cariniventre Csy. 13–196                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mass. Pa.                                                                                                                              | 30. hesperus Csy. 13–210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cal.                                                                                                                                                                            |
| 14300. thoracicum Csy. 13–196                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N.Mex.                                                                                                                                 | 31. parviceps Csy. 13–210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                            |
| 01. montanum Csy. 13–197                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Colo. N.Mex.                                                                                                                           | 32. truncatulus Čsy. 13–211                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cal.                                                                                                                                                                            |
| Leptalia Lec. 73–204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                        | 33. apiciventris Csy. 13-211                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cal.                                                                                                                                                                            |
| 14302. macilenta (Mann.) 53-253                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | R Alag Cal                                                                                                                             | 34. rufipennis Csy. 13–212                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cal.                                                                                                                                                                            |
| a. frankenhauseri (Mann.) 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                        | 35. flaccidus Csy. 13-212                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                            |
| a. Hankenhausen (Mann.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Alas.                                                                                                                                  | 36. aureatus Csy. 13–213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cal.                                                                                                                                                                            |
| h fuggicallig (Log ) 57,65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cal. Vanc.                                                                                                                             | a. gilvicornis Čsy. 13–213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cal.                                                                                                                                                                            |
| b. fuscicollis (Lec.) 57–65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Car. vanc.                                                                                                                             | 37. sericatus Csy. 13–213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.                                                                                                                                                                            |
| Hapalosalia Csy. 13-200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                        | 38. subpinguis Csy. 13–213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Utah                                                                                                                                                                            |
| 14303. scripta (Lec.) 69–384                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Vanc. Wash.                                                                                                                            | 39. oregonensis Csy. 13–214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Oreg.                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No.Cal.                                                                                                                                | 40. vestitus Hald. 47–59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | So.Cal.Or.Cal.                                                                                                                                                                  |
| 04. aurata (Horn) 60–570                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PaN.C.                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                 |
| 05. lineicornis Csy. 13–201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Wis.                                                                                                                                   | a. ater Leng 90–68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Vanc. [Vanc.                                                                                                                                                                    |
| 06. læviceps Csy. 13–201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Wis.                                                                                                                                   | 41. obtusus Lec. 73–206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Wyom.                                                                                                                                                                           |
| 07. densicollis Csy. 14–366                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N.C.                                                                                                                                   | 42. brevicollis Csy. 13–214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Wash.                                                                                                                                                                           |
| 08. vibex (Newn.) 41–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CanVa. Ind.                                                                                                                            | IV. Anisorus Muls. 63-46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>57</b>                                                                                                                                                                       |
| nitidicollis (Horn) 60–570                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | oun. va. ma.                                                                                                                           | 43. cylindricollis (Say) 23–417                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7 CanAlaIll.                                                                                                                                                                    |
| a. fragilis Csy. 13–202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ind.                                                                                                                                   | dentipennis Hald. 47–58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | [Ind.                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Or. Nev.                                                                                                                               | dives Newn. 41–68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                               |
| 09. straussi (Wcbb) 08–41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Can. Wis.                                                                                                                              | a. atratus Hald. 47–58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ga.                                                                                                                                                                             |
| 10. sphæricollis (Say) 27–280                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Can. Wis.                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                 |
| allceta (Newn.) 41–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C                                                                                                                                      | Parapachyta Csy. 13-216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                 |
| a. ?ruficollis (Say) 23–421                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Can.                                                                                                                                   | 14344. spurca (Lec.) 57–63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NevVanc.                                                                                                                                                                        |
| paupercula (Newn.) 41–72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                        | cervinus (Walk.) 66–332                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | [So.Cal.                                                                                                                                                                        |
| Centrodera Lec. 50–325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                        | Pachyta Zett. 28–376                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                 |
| 14311. decolorata (Harris) 41–93                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Mich. Can.                                                                                                                             | 14345. armata Lec. 73–207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Id. Or. Wash.                                                                                                                                                                   |
| Tibili: decolorata (mailis) il 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N.Y.Mass.Ind.                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ra. Or. wash.                                                                                                                                                                   |
| rubida (Hald.) 47–58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TAT TATEON THE                                                                                                                         | 46 Inmed (L.) 58=391                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                        | 46. lamed (L.) 58–391                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Eur. Sib.                                                                                                                                                                       |
| a legistric Cay 18-416                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | L Sup                                                                                                                                  | a. conflagrata Mots. 60–147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Eur. Sib.<br>Alas.                                                                                                                                                              |
| a. lacustris Csy. 18–416                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | L.Sup.                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Eur. Sib.<br>Alas.<br>N.Mex. Can.                                                                                                                                               |
| a. lacustris Csy. 18–416<br>12. nevadica Lec. 73–205                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Nev. Cal. So.                                                                                                                          | a. conflagrata Mots. 60–147<br>47. liturata Kby. 37–178                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Eur. Sib.<br>Alas.<br>N.Mex. Can.<br>Alas. Cal.                                                                                                                                 |
| a. lacustris Csy. 18–416<br>12. nevadica Lec. 73–205<br>oculata Csy. 13–202                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nev. Cal. So.<br>Cal. [Cal.                                                                                                            | a. conflagrata Mots. 60–147<br>47. liturata Kby. 37–178<br>nitens Lec. 50–235                                                                                                                                                                                                                                                                                                                                                                                                                                     | Eur. Sib.<br>Alas.<br>N.Mex. Can.                                                                                                                                               |
| a. lacustris Csy. 18–416<br>12. nevadica Lec. 73–205<br>oculata Csy. 13–202<br>13. picta (Hald.) 47–58                                                                                                                                                                                                                                                                                                                                                                                                      | Nev. Cal. So.<br>Cal. [Cal.<br>ConnS.C.                                                                                                | a. conflagrata Mots. 60–147<br>47. liturata Kby. 37–178<br>nitens Lec. 50–235                                                                                                                                                                                                                                                                                                                                                                                                                                     | Eur. Sib.<br>Alas.<br>N.Mex. Can.<br>Alas. Cal.<br>L.Sup.                                                                                                                       |
| a. lacustris Csy. 18–416<br>12. nevadica Lec. 73–205<br>oculata Csy. 13–202<br>13. picta (Hald.) 47–58<br>14. tencra Csy. 13–203                                                                                                                                                                                                                                                                                                                                                                            | Nev. Cal. So.<br>Cal. [Cal.<br>ConnS.C.<br>So.Cal.                                                                                     | a. conflagrata Mots. 60–147<br>47. liturata Kby. 37–178<br>nitens Lec. 50–235                                                                                                                                                                                                                                                                                                                                                                                                                                     | Eur. Sib.<br>Alas.<br>N.Mex. Can.<br>Alas. Cal.<br>L.Sup.                                                                                                                       |
| a. lacustris Csy. 18–416<br>12. nevadica Lec. 73–205<br>oculata Csy. 13–202<br>13. picta (Hald.) 47–58                                                                                                                                                                                                                                                                                                                                                                                                      | Nev. Cal. So.<br>Cal. [Cal.<br>ConnS.C.                                                                                                | <ul> <li>a. conflagrata Mots. 60–147</li> <li>47. liturata Kby. 37–178</li> <li>nitens Lec. 50–235         <ul> <li>*</li> </ul> </li> <li>48. rugipennis Newn. 44–476</li> </ul>                                                                                                                                                                                                                                                                                                                                 | Eur. Sib.<br>Alas.<br>N.Mex. Can.<br>Alas. Cal.<br>L.Sup.                                                                                                                       |
| <ul> <li>a. lacustris Csy. 18-416</li> <li>12. nevadica Lec. 73-205</li> <li>oculata Csy. 13-202</li> <li>13. picta (Hald.) 47-58</li> <li>14. tencra Csy. 13-203</li> <li>15. sublineata Lec. 62-40</li> </ul>                                                                                                                                                                                                                                                                                             | Nev. Cal. So.<br>Cal. [Cal.<br>ConnS.C.<br>So.Cal.                                                                                     | <ul> <li>a. conflagrata Mots. 60–147</li> <li>47. liturata Kby. 37–178</li> <li>nitens Lec. 50–235         <ul> <li>*</li> </ul> </li> <li>48. rugipennis Newn. 44–476</li> <li>Evodinus Lec. 50–325</li> </ul>                                                                                                                                                                                                                                                                                                   | Eur. Sib.<br>Alas.<br>N.Mex. Can.<br>Alas. Cal.<br>L.Sup.                                                                                                                       |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40  Xylosteus Friv. 38-180                                                                                                                                                                                                                                                                                                                                      | Nev. Cal. So.<br>Cal. [Cal.<br>ConnS.C.<br>So.Cal.<br>Pa. N.C.                                                                         | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185)                                                                                                                                                                                                                                                                                                                                                           | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup. Can. Me. N.S.                                                                                                                     |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205                                                                                                                                                                                                                                                                                                     | Nev. Cal. So.<br>Cal. [Cal.<br>ConnS.C.<br>So.Cal.                                                                                     | <ul> <li>a. conflagrata Mots. 60–147</li> <li>47. liturata Kby. 37–178</li> <li>nitens Lec. 50–235         <ul> <li>*</li> </ul> </li> <li>48. rugipennis Newn. 44–476</li> <li>Evodinus Lec. 50–325</li> </ul>                                                                                                                                                                                                                                                                                                   | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup. Can. Me. N.S. Alas. L.Sup.                                                                                                        |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204                                                                                                                                                                                                                                                                     | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C. Or.                                                                                 | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  * 48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27                                                                                                                                                                                                                                                                                                                             | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup. Can. Me. N.S. Alas. L.Sup. Me. N.Y.Can.                                                                                           |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205                                                                                                                                                                                                                                                                                                     | Nev. Cal. So.<br>Cal. [Cal.<br>ConnS.C.<br>So.Cal.<br>Pa. N.C.                                                                         | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185)                                                                                                                                                                                                                                                                                                                                                           | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup. Can. Me. N.S. Alas. L.Sup.                                                                                                        |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204                                                                                                                                                                                                                                                                     | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C. Or.                                                                                 | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  * 48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27                                                                                                                                                                                                                                                                                                                             | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup. Can. Me. N.S. Alas. L.Sup. Me. N.Y.Can.                                                                                           |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 14317. oculea Csy. 13-204                                                                                                                                                                                                                                           | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C. Or.                                                                                 | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220                                                                                                                                                                                                                                                                      | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup. Can. Me. N.S. Alas. L.Sup. Me. N.Y.Can.                                                                                           |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 14317. oculea Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251                                                                                                                                                                                        | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev.                                                             | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars)                                                                                                                                                                                                                                                 | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup. Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.                                                                             |
| a. lacustris Csy. 18–416 12. nevadica Lec. 73–205 oculata Csy. 13–202 13. picta (Hald.) 47–58 14. tencra Csy. 13–203 15. sublineata Lec. 62–40 <b>Xylosteus</b> Friv. 38–180 14316. ornatus Lec. 73–205 <b>Ortholeptura</b> Csy. 13–204 14317. oculea Csy. 13–204 18. valida (Lec.) 57–64 19. insignis (Fall) 07–251 <b>Stenocorus</b> Fab. 75–178                                                                                                                                                          | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.                                                 | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323                                                                                                                                                                                                                       | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.                                                                            |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 14317. oculea Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251 <b>Stenocorus</b> Fab. 75-178 ( <i>Toxotus</i> Lec. 50-320 nec. 20                                                                                                                     | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.                                                 | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222                                                                                                                                                                                                | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id.                                                   |
| a. lacustris Csy. 18–416 12. nevadica Lec. 73–205 oculata Csy. 13–202 13. picta (Hald.) 47–58 14. tencra Csy. 13–203 15. sublineata Lec. 62–40 <b>Xylosteus</b> Friv. 38–180 14316. ornatus Lec. 73–205 <b>Ortholeptura</b> Csy. 13–204 14317. oculea Csy. 13–204 18. valida (Lec.) 57–64 19. insignis (Fall) 07–251 <b>Stenocorus</b> Fab. 75–178                                                                                                                                                          | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.                                                 | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222 53. viola (Lec.) 60–321                                                                                                                                                                        | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id. No.Cal.                                           |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 14317. oculea Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251 <b>Stenocorus</b> Fab. 75-178 ( <i>Toxotus</i> Lec. 50-320 nec. 20                                                                                                                     | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.  Zett.)                                         | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222 53. viola (Lec.) 60–321 54. celestina Csy. 13–222                                                                                                                                              | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id. No.Cal. Cal.                                      |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251 <b>Stenocorus</b> Fab. 75-178 ( <i>Toxotus</i> Lec. 50-320 nec Zi. <i>Toxotopsis</i> Csy. 13-206 14320. cinnamopterus (Rand.) 38                                                                                 | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.  Zett.)  45 MassIll.N.C.                        | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222 53. viola (Lec.) 60–321 54. celestina Csy. 13–222 55. mollipilosa (Lec.) 60–321                                                                                                                | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id. No.Cal. Cal. Or.                                  |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251 <b>Stenocorus</b> Fab. 75-178 ( <i>Toxotus</i> Lec. 50-320 nec 21. <i>Toxotopsis</i> Csy. 13-206                                                                                                                 | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.  Zett.)                                         | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222 53. viola (Lec.) 60–321 54. celestina Csy. 13–222 55. mollipilosa (Lec.) 60–321 56. lugens (Lec.) 57–62                                                                                        | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id. No.Cal. Cal. Or. Cal.                             |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 14317. oculea Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251 <b>Stenocorus</b> Fab. 75-178 ( <i>Toxotus</i> Lec. 50-320 nec Zul. <i>Toxotopsis</i> Csy. 13-206 14320. cinnamopterus (Rand.) 38 esculi (Hald.) 47-59                                 | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.  Zett.)  45 MassIll.N.C.                        | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222 53. viola (Lec.) 60–321 54. celestina Csy. 13–222 55. mollipilosa (Lec.) 60–321 56. lugens (Lec.) 57–62 fusca (Lec.) 57–62                                                                     | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id. No.Cal. Cal. Or. Cal. Cal. Cal.                   |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 14317. oculea Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251 <b>Stenocorus</b> Fab. 75-178 ( <i>Toxotus</i> Lec. 50-320 nec Zi. <i>Toxotopsis</i> Csy. 13-206 14320. cinnamopterus (Rand.) 38 æsculi (Hald.) 47-59 II. <i>Eutoxotus</i> Csy. 13-206 | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.  Zett.)  -45 MassIll.N.C. [Ind.                 | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222 53. viola (Lec.) 60–321 54. celestina Csy. 13–222 55. mollipilosa (Lec.) 60–321 56. lugens (Lec.) 57–62 fusca (Lec.) 57–62 fusca (Lec.) 57–62 57. tumida (Lec.) 57–63                          | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id. No.Cal. Cal. Or. Cal. Cal. Cal. Cal. Cal. So.Cal. |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 14317. oculea Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251 <b>Stenocorus</b> Fab. 75-178 ( <i>Toxotus</i> Lec. 50-320 nec Zul. <i>Toxotopsis</i> Csy. 13-206 14320. cinnamopterus (Rand.) 38 esculi (Hald.) 47-59                                 | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.  Zett.)  -45 MassIll.N.C. [Ind.  Ind. Can. Ill. | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222 53. viola (Lec.) 60–321 54. celestina Csy. 13–222 55. mollipilosa (Lec.) 60–321 56. lugens (Lec.) 57–62 fusca (Lec.) 57–62 fusca (Lec.) 57–62 57. tumida (Lec.) 57–63 58. lanatula Csy. 13–224 | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id. No.Cal. Cal. Or. Cal. Cal. Cal. Colo.             |
| a. lacustris Csy. 18-416 12. nevadica Lec. 73-205 oculata Csy. 13-202 13. picta (Hald.) 47-58 14. tencra Csy. 13-203 15. sublineata Lec. 62-40 <b>Xylosteus</b> Friv. 38-180 14316. ornatus Lec. 73-205 <b>Ortholeptura</b> Csy. 13-204 14317. oculea Csy. 13-204 18. valida (Lec.) 57-64 19. insignis (Fall) 07-251 <b>Stenocorus</b> Fab. 75-178 ( <i>Toxotus</i> Lec. 50-320 nec Zi. <i>Toxotopsis</i> Csy. 13-206 14320. cinnamopterus (Rand.) 38 æsculi (Hald.) 47-59 II. <i>Eutoxotus</i> Csy. 13-206 | Nev. Cal. So. Cal. [Cal. ConnS.C. So.Cal. Pa. N.C.  Or.  Cal. So.Cal. Nev. Cal. [Vanc.  Zett.)  -45 MassIll.N.C. [Ind.                 | a. conflagrata Mots. 60–147 47. liturata Kby. 37–178  nitens Lec. 50–235  *  48. rugipennis Newn. 44–476  Evodinus Lec. 50–325 (Brachyta Fairm. 68–185) 14349. monticola (Rand.) 38–27  50. vancouveri Csy. 13–216  Brachysomida Csy. 13–220 (Acmæops auct. pars) 14351. atra (Lec.) 50–323 52. morata Csy. 13–222 53. viola (Lec.) 60–321 54. celestina Csy. 13–222 55. mollipilosa (Lec.) 60–321 56. lugens (Lec.) 57–62 fusca (Lec.) 57–62 fusca (Lec.) 57–62 57. tumida (Lec.) 57–63                          | Eur. Sib. Alas. N.Mex. Can. Alas. Cal. L.Sup.  Can. Me. N.S.  Alas. L.Sup. Me. N.Y. Can. Vanc. [Cal.  Nev.Or. Wash. Cal. [Id. No.Cal. Cal. Or. Cal. Cal. Cal. Cal. Cal. So.Cal. |

| Brachysomida Csy.                                                                | Acma                           | eops Lec.                                              |                          |
|----------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|--------------------------|
| 14361. francisca Csy. 13–225 Cal                                                 |                                | . discoidca (Hald.) 47–60                              | Mich. Pa. N.J.           |
| 62. californica (Lec.) 52–101 Cal                                                |                                | *                                                      |                          |
| a. proxima Csy. 13–225 Ca                                                        |                                | . thoracicus (Hald.) 47-60                             | Mass. Pa. Va.            |
|                                                                                  | $_{ m 0.Cal.}$                 | . bivittatus (Say) 23–416                              | Ind.                     |
| 64. subcyanea (Lec.) 57–63 Ca                                                    |                                | incertus (Bland) 64–321                                |                          |
|                                                                                  | $_{ m 0.Cal.}$                 |                                                        | Mo.                      |
| 66. cærulea Csy. 13–227 Cal<br>a. chalybea Csy. 13–227 Cal                       | 1                              | varians (Lec.) 50–324 o                                |                          |
| a. chalybea Csy. 13–227 Cal<br>67. tumidiceps Csy. 13–227 Cal                    | 1                              | . fusciceps (Lec.) 50–324                              | N.Y.                     |
| 68. protensicollis Csy. 13–227 Cal                                               |                                | . oblongus Csy. 13–218                                 | Neb.                     |
| 69. robustula Csy. 13–228 Cal                                                    | 1                              | otes Lec. 50–324                                       |                          |
| 70. hirsuta Csy. 13–228 Cal                                                      | 1                              | . cyanipennis (Say) 23–423                             | Can & E II S             |
| 71. lepidula Csy. 13–229 Cal                                                     |                                | ione (Newn.) 40–30                                     | [Ind.                    |
| 72. versicolor Csy. 13–229 Cal                                                   |                                | laportei (Guér.) 44–253                                | [2                       |
| 73. pinguis (Lec.) 73–209 Cal                                                    | l <b>.</b>                     | lconardi (Hald.) 47–60                                 |                          |
| - 1 0 10 000                                                                     |                                | servillei (Serv.) 35–214                               |                          |
| <b>Leptacmæops</b> Csy. 13–230                                                   |                                | . cressoni Bland 64–69                                 | Colo. Nev.               |
| 14374. basalis (Lec.) 73–211                                                     | , 10                           | . lecontei Csy. 13–219                                 | Or. [No.Cal.             |
| 75. cuneata Csy. 13–232 Ca                                                       |                                | . abdominalis Bland 62–270                             | N.Y. Pa. Va.             |
| 76. auricollis Csy. 13–232 Ca                                                    | 1                              | ombiler I on 50 996                                    |                          |
| 77. elegantula Csy. 13–232 Ca                                                    |                                | ophilax Lec. 50–236                                    |                          |
| 78. quadrinotata Csy. 13-233 Ca                                                  |                                | Nicolay 17–38<br>Stenura ‡ Hald.)                      |                          |
| 79. tenuis Csy. 13–233 Cai                                                       | l.                             | (Argaleus Lec. 50–319 pars                             | 3)                       |
| 80. temporalis Csy. 13–233 Ca                                                    |                                |                                                        | MeMinn. Va.              |
| 81. minima Csy. 13–234 Ca                                                        | .l. 16                         | . malachiticus (Hald.) 45-64                           |                          |
|                                                                                  | l. Nev.                        | cyanea (Hald.) 47–151                                  | Can. Mass.               |
|                                                                                  |                                | . viridis Lec. 50–236                                  | Mich. N.Y.               |
|                                                                                  |                                | . viridipennis Csy. 18–146                             | No.N.Y. [N.C.            |
| ?spuria (Lec.) 73–228<br>84. subpilosa (Lec.) 50–322 Wa                          | - 1. TVT A                     | hoffmani Beut. 03–518                                  | N.C.                     |
|                                                                                  | 1 (337                         | tenebrosus Lec. 73–208                                 | Cal. So.Cal.             |
| 86. intermedia Csy. 13–236 ?                                                     | 20                             | . mirificus Bland 65–382                               | Utah, Colo.<br>Mont.     |
| 87. lupina (Lec.) 60–321 Or                                                      |                                | venustus Bland 65–382 Q                                | Or. Id. Cal.             |
|                                                                                  | ash. 21                        | . subvittatus Csy. 91–37                               | Colo.?                   |
| 89. quadriceps Csy. 13–237 Ut                                                    | ah 29                          | 2. nigrolineatus VanD.17-36                            | Or.                      |
| 90. punctiventris Csy. 13–238 Co                                                 | 1                              |                                                        |                          |
| 91. longicornis (Kby.) 37–185 Co                                                 |                                | es Lec. 50–318                                         |                          |
| marginalis (Lec.) 57–28<br>92. ligata (Lec.) 73–211 Co                           | olo. 14423                     | 3. coriacea Lec. 50–318                                | Or.                      |
|                                                                                  | •                              | lia Muls. 63-496                                       |                          |
|                                                                                  |                                | l. sexmaculata (L.) 58–398                             | Eur. Sib. No.            |
|                                                                                  | an. [No.Cal.                   | 200000000000000000000000000000000000000                | Am. No.Cal.              |
| . (Acmæopsilla Csy. 13–240)                                                      |                                |                                                        | H.B.T. Mich.             |
| 94. falsa (Lec.) 59–80 So                                                        | .Cal. L.Cal.                   |                                                        | N.H.                     |
| . T. TO OOF                                                                      | -25                            | 5. vexatrix (Mann.) 53–250                             | AlasNev.                 |
| Acmæops Lec. 50–235                                                              | Ind Conn                       | andifors (Olive) 05 05                                 | No.Cal.                  |
| 14395. directa (Newn.) 41–71 Pa<br>?vittata (Swed.) 87–198                       |                                | 6. cordifera (Oliv.) 95–25<br>a. lunaris (Hald.) 47–59 | E.St. Conn.              |
| quadrivittata (Schön.) 17–497                                                    |                                | 7. instabilis (Hald.) 47–59                            | W.St. So.Cal.            |
| a. pallida (Hald.) 47–65                                                         |                                | 3. convexa (Lec.) 50–332                               | So.Cal.                  |
|                                                                                  |                                | 9. pacifica Čsy. 13–249                                | Cal.                     |
| Ar                                                                               | n. Colo. Cal. 30               | ). trajecta Csy. 13–250                                | Colo.                    |
|                                                                                  |                                | 1. quadrata (Lec.) 73–225                              | ~ ~                      |
|                                                                                  |                                | 2. sexspilota (Lcc.) 59–80                             | So.Cal. L.Cal.           |
| longiceps (Kby.) 37–187                                                          |                                | 3. quadrillum (Lec.) 59–88                             | Vanc. No.Cal.            |
| semimarginata (Rand.) 38–20<br>strigilata (Fab.) 92–341                          |                                | 4. convolvens Csy. 13–250<br>5. impura (Lec.) 57–64    | No.Cal.<br>Nev. Or. Cal. |
|                                                                                  |                                | 6. gaurotoides Csy. 93–592                             | Utah                     |
|                                                                                  |                                | 7. flaviventris (Schffr.) 08–34                        |                          |
|                                                                                  | olo.                           |                                                        |                          |
| puncticeps Csy. 13–243 Co                                                        | olo. Brac                      | hyleptura Csy. 13-251                                  |                          |
| 14400. aurora Csy. 13–244 Co                                                     | olo. 1443                      | 8. rubrica (Say) 23–418                                | Ind. Conn.               |
| 01. coloradensis Csy. 13–244 Co                                                  |                                | erythroptera (Germ.) 24-5                              | 522                      |
| 00 111 0 10 011                                                                  |                                |                                                        | AT CILYT                 |
| 02. cavicollis Csy. 13–244 M                                                     | ic. 39                         | 9. dehiscens (Lec.) 59–89                              | No.CalVanc.              |
| 03. proteus (Kby.) 37–186 W                                                      | c.<br>7is. Cal.                | 9. dehiscens (Lec.) 59–89                              | Kan.                     |
| 03. proteus (Kby.) 37–186 W<br>gibbula Lec. 61–356 W                             | e. 39<br>Vis. Cal.<br>Vash. 40 | 9. dehiscens (Lec.) 59–89<br>0. cuncatula Csy. 13–253  | Kan.<br>Wis. Ont.        |
| 03. proteus (Kby.) 37–186 W<br>gibbula Lec. 61–356 W<br>sublineata (Hald.) 47–60 | e. 39<br>Vis. Cal.<br>Vash. 40 | 9. dehiscens (Lec.) 59–89                              | Kan.                     |

| Brachyleptura Csy.              |                 | Strangalia Serv.                 |                     |
|---------------------------------|-----------------|----------------------------------|---------------------|
| 14442. fusella Csy. 13–254      | ?               | 14481. abdominalis (Hald.) 47–63 |                     |
| 43. puella Csy. 13–254          | ?               | atrovittata (Bland) 64–255       |                     |
| a. tetrica Csy. 13–255          | ?               | 82. subhamata (Rand.) 38–28      | Can. E.St.Ind.      |
| 44. champlaini Csy. 13–254      | Pa.             | armata (Hald.) 47–61             |                     |
|                                 | Mass. N.Y.Pa.   | interrupta (Newn,) 41–72         |                     |
|                                 | Colo.           | 83. elegans (Hald.) 47–63        | N.Y. Pa.            |
| 47. canadensis (Fab.) 95–8      | Ind. Nfld.      | 84. cruentata (Hald.) 47–64      | CanTex. Ind.        |
| tenuicornis (Hald.) 47–64 d     |                 | 85. maneei Csy. 14–367           | N.C.                |
| a. cinnamoptera (Hald.) 47–6    |                 | 86. plagifera (Lec.) 73–224      | Colo. Nev.Cal.      |
| erythroptera (Kby.) 37–18       |                 | anthracina (Lec.) 75–175 ♀       |                     |
| A                               | Kan. Ariz.      | 87. plebeja (Rand.) 38–28        | E.St.               |
| a. ebena (Leng) 90–197          |                 | 88. delcta (Lec.) 50–328         | Mass.               |
| 49. lætifica (Lec.) 59–89       | NevWash.        | 89. amabilis (Lec.) 57–64        | Or. Wash.           |
| lugens (Lec.) 59–89             | [No. Cal.       |                                  |                     |
| 50. sanguinea (Lec.) 59–89      | N. MexVanc.     | Cyphonotida Csy. 13-260          |                     |
|                                 | So.Cal. [Nfld.  | (Ophistomis ‡ Horn nec Th        |                     |
|                                 | Mich.           | 14490. ventralis (Horn) 94–401   | L.Cal. Ariz.        |
|                                 | Colo.           | 04 1 1 11 7                      | [So.Cal.            |
| 54.•haldemani (Csy.) 92–42      | N.Mex.          | 91. laevicollis Bates 80–39      | ArizPanama          |
|                                 |                 | 92. ?ignita (Schffr.) 08–341     | Ariz.               |
| Parallelina Csy. 13-255         | <b>.</b>        |                                  |                     |
|                                 | E.St. Ind.      | Xestoleptura Csy. 13-260         |                     |
| 56. exigua (Newn.) 41–73        | CanPa.          | 14493. octonotata (Say) 23-419   | N.E.St. Ind.        |
| saucia (Lec.) 62–40             | 25 27 0         | stictica (Newn.) 41–72           | [Conn.              |
| 57. nana (Newn.) 41–73          | MassN.C         | a. quadripunctata (Hald.) 47     |                     |
| a. hæmatites (Newn.) 41–73      | N O C[III.      | 94. crassipes (Lec.) 57–65       | So.CalVanc.         |
| 58. molybdica (Lec.) 50–101     | NevOr. So.      | fasciventris (Lec.) 61–355       |                     |
| a. militaris (Chev.) 55–187     | [Cal.           | xanthogastra (Lec.) 59–88        |                     |
| 59. subargentata(Kby.)37-184    |                 | a. shastana Csy. 13–263          | No.Cal.             |
| a. rhodopus (Lec.) 74–68        | Cal. [Ind.      | 95. vancouveri Csy. 13–263       | Vanc.               |
| b. ruficeps (Lec.) 62–40        | Ga. (Cal.?)     | 96. muliebris Csy. 13–263        | Cal.                |
| c. ruficollis (Prov.) 77–617    | Can.            | 97. cockerelli (Fall) 07–251     | N.Mex. Colo.        |
| 60. filicornis Csy. 13–255      | Wash.           | 98. crassicornis (Lec.) 73–227   | Cal.                |
| 61. similis (Kby.) 37–185       | H.B.T. Cal.     | 99. behrensi (Lec.) 73–227       | No.Cal.             |
| rufibasis (Lec.) 62–40          | Cal             | 14500. corusca Csy. 13–261       | Cal.                |
| 62. campanifera Csy. 13–256     | Car.            | 01. columbica Csy. 13–261        | Br.Col.             |
| Charisalia Csy. 13–256          |                 | 02. rufula (Hald.) 47–60         | L.Sup.              |
| 14463. americana (Hald.) 47–63  | Ga. Pa. O. Ind. | 03. hirtella (Lec.) 73–226       | Lab. N.H.           |
| 64. capitata (Newn.) 41–71      | Can. E.St. Ind. | 04 +ibiolia (Lee ) 50, 220       | Nfld.               |
| 04. Capitata (Newil.) 41 /1     | van. 13.50. Hu. | 04. tibialis (Lec.) 50–339       | N.H. Mich.<br>Wash. |
| Strangalepta Csy. 13-257        |                 |                                  | wasn.               |
| 14465. lineola (Say) 23–421     | E.St. Mo. Ind.  | Stenostrophia Csy. 13-264        |                     |
| cincta (Hald.) 47–63            | [Conn.          | 14505. tribalteata (Lec.) 73–224 | No.Cal.So.Cal.      |
| indirecta (Newn.) 41–71         |                 | 06. serpentina (Csy.) 92–41      | Cal.                |
| lateralis ‡ (Lec.) 50–330       |                 | 07. coquilletti (Linell) 96–398  | So.Cal.             |
| a. lateralis ‡ (Hald.) 47–63    |                 |                                  |                     |
| b. obsoleta (Hald.) 47–63       | Pa.             | Strophiona Csy. 13–264           |                     |
| 66. pubera (Say) 27–279         | Can. W.St.      | 14508. nitens (Forst.) 71–45     | R.I. Can. Pa.       |
| 67. keeni Csy. 13–257           | Br.Col. [Ind.   | aurigera (Newn.) 41–70           | [Ind.               |
| 68. rubida (Lec.) 73–224        | No.Cal.         | carolina var. (Web.) 01–91       |                     |
| 69. vittata (Oliv.) 92–523      | N.E.Amer.       | quagga (Germ.) 24–521            |                     |
| abbreviata (Germ.) 24–523       | 3 [Ind. Conn.   | zebra (Felt) 07–450              |                     |
| semivittata (Kby.) 37–183       |                 | zebrata (Hald.) 47–62            | C 1                 |
| a. gulosa (Kby.) 37–184         | N.S.            | 09. bellina Csy. 13–265          | Colo.               |
|                                 |                 | 10. leta (Lec.) 57–64            | So.Cal. Nev         |
| Strangalia Serv. 35–220         |                 | 11. ostenta Csy. 13–265          | N.Mex. [Vanc.       |
| (Leptura ‡ auct.)               |                 | 12. tigrina Csy. 13–266          | So.Cal.             |
| 14470. perductor (Walk.) 66–333 | Vanc.           | 13. reducta Csy. 13–266          | Car.                |
| 71. obliterata (Hald.) 47–62    | Or. No.Cal.     | I (I ) 50 207                    |                     |
| 72. idahoensis Csy. 13–259      | Idaho           | Leptura (L). 58–397              |                     |
| 73. vitiosa (Lec.) 54–18        | Cal.            | (Megaleptura Csy. 13–267)        | Con Tou Ind         |
| 74. propinqua(Bland)65–384      | Wash. No.Cal.   | 14514. emarginata L. 87–158      | CanTex.Ind.         |
| 75. kerniana (Fall) 07–249      | Cal.            | 15. gigas Lec. 73–223            | Tex. N.Mex.         |
| 76. subcostata(Fall) 07–249     | Cal.(Tahoe)     | (Cosmosalia Csy. 13–267)         | 9                   |
| 77. barberi (Fall) 07–250       | No.Cal.         | 16. nigrella Say 27–279          | ?                   |
| 78. regularis Csy. 13–259       | ?               | 17. carbonata Lec. 61–355        | No.Cal. Wash.       |
| 79. minuscula Csy. 13–260       | Colo.           | 18. præstans Csy. 13–267         | Colo.               |
|                                 |                 |                                  |                     |
| 80. soror (Lec.) 73–223         | No.Cal.         | 19. auripilis Lec. 50–339        | N.Mex.              |

| Leptura L.                                                  |                | Typocerus Lec.                                           |                    |
|-------------------------------------------------------------|----------------|----------------------------------------------------------|--------------------|
| 14520. chrysocoma Kby. 37–179                               | No.St. Cal.    | 14544. acuticauda Csy. 13–274                            | Mass. N.J. Pa.     |
| 21. aureola Csy. 13–268                                     | Colo.          | 45. thoracicus Csy. 13–274                               | y<br>V             |
| 22. nigrolineata Bland 65–383<br>23. dolorosa Lec. 61–355   | NevVanc.       | 46. confluens Csy. 13–272<br>47. caligans Csy. 13–273    | Kan. Colo.<br>Kan. |
| 24. coccinea Lec. 73–226                                    | [Cal.          | 48. lugubris (Say) 23–419                                | Ind.               |
| ?rubra L. 58–397                                            | Eur. Sib.      | 49. brunnicornis Lec. 73–214                             | FlaN.Mex.          |
|                                                             | 234.1 ~131     | 50. balteata Horn 78–55                                  | Ariz. Colo.        |
| (Cercolia Csy. 13–268)                                      | Ind. Can.      |                                                          | Mont.              |
| 25. proxima Say 23–420                                      | E.U.S. Wis.    | 51. sinuata (Newn.) 41–70                                | Ind. Fla.          |
| subpubescens Kby. 37–18                                     |                | octonotata (Hald.) 47–62                                 |                    |
| a. atrata Lec. 50–339                                       |                | Onhistomis Thoma 57 210                                  |                    |
| 26. minnesotana Csy. 13–269                                 | Wis.           | Ophistomis Thoms. 57–319 (Strangalia Lec. nec Serv.)     |                    |
| (Dorcasina Csy. 13–269                                      |                | (Strangalina Auriv. pars)                                |                    |
| 27. matthewsi Lec. 69–384                                   | VancCal.       | 14552. virilis (Lec.) 73–212                             | Tex.               |
| 28. grossa (Lec.) 73–225                                    | Cal.           | 53. famelica (Newn.) 41–68                               | E.St. Ind.         |
| 29. macrocera Csy. 13–270                                   | Cal.           | a. confluenta (Hald.) 47-61                              | [Conn.             |
| 30. biforis Newn. 41–70                                     | CanVa.         | b. flaviceps (Hald.) 47–61                               |                    |
| 31. laurentica Csy. 13–271                                  | No.N.Y.        | c. obsoleta (Hald.) 47–61<br>d. solitaria (Hald.) 47–61  | •                  |
| (Trachysida Csy. 13–271)                                    | O D 274.1      | 54. acuminata (Oliv.) 95–20                              | CtPa. Ind.         |
| 32. mutabilis Newn. 41–71                                   | CanPa. Nfld.   | emaciata (Newn.) 41-68                                   |                    |
| a. luridipennis Hald. 47–63<br>b. provancheri Auriv. 12–223 | 2              | a. unicolor (Hald.) 47–62                                |                    |
| lætifia    Prov. 77–620                                     | ,              | 55. strigosa (Newn.) 41–69                               | Fla.               |
| 33. aspera Lec. 73–228                                      | CanVanc.       | 56. luteicornis (Fab.) 75–197                            | Can. E.St. Ind.    |
| 34. pedalis Lec. 61–355                                     | N.H. Can.      | 57. eversa Csy. 13–277                                   | Ill. [Fla.         |
|                                                             | Mich.          | 58. carolinæ Csy. 13–277<br>59. ochreipennis Csy. 13–278 | S.C.               |
| 35. quadricollis Lec. 50–339                                | Vt. Mass.      | 60. bicolor (Swed.) 87–197                               | CanAla. Fla.       |
| *                                                           |                | a. simulans Csy. 13-278                                  | Colo. [Ind.        |
| 36. brevicornis Lec. 73–226                                 | Nev. Wash.     | 61. sexnotata (Hald.) 47–61                              | Mass.Fla.Tex.      |
|                                                             | No.Cal.        | 62. montana (Csy.) 92-40                                 | N.Mex. Ariz.       |
| Bellamira Lec. 73-328                                       | 37 7 70        | 63. texana Csy. 13–276                                   | Tex.               |
| 14537. scalaris (Say) 27–278                                | N.J. Fla.      | 64. evanescens Csy. 13–276<br>65. delicata (Lec.) 74–97  | Tex.<br>Cal. Nev.  |
| coarctata (Hald.) 47–156                                    | ) A mig        | 05. deficata (Lec <sub>e</sub> ) 14-91                   | So.Cal.            |
| 38. antennata (Schffr.) 08–342                              | ATIZ.          | Pyrotrichus Lec. 62-41                                   | So.Car.            |
| Typocerus Lec. 50–333                                       |                | 14566. vitticollis Lec. 62–41                            | Cal.               |
| 14539. badius (Newn.) 41-69                                 | N.C. Ga. Fla.  | 67. cribripennis Csy. 13–198                             | So.Cal.            |
|                                                             | Ala.           |                                                          |                    |
| 40. zebra (Oliv.) 95–19                                     | N.YFla.        | Thesalia Csy. 91–36                                      | Q 1                |
| carolina (Web.) 01-91                                       |                | 14568. rubriceps Csy. 13–198                             | Cal.<br>Or. Wash.  |
| zebrata (Fab.) 01–364<br>41. sparsa Lec. 78–614             | Can. O. Wis.   | 69. gnathoides (Lec.) 73–228<br>lisa (Leng) 90–108       | Cal. [No.Cal.      |
| 42. lunulata (Swed.) 87–195                                 | N.C. Ga. Fla.  | lisa (Leng) 50 100                                       | oui. [110.oai.     |
| arcuata (Oliv.) 95–32                                       | [Tex.          | Euryptera Serv. 25-688                                   |                    |
| lunata (Fab.) 01–360                                        |                | 14570. lateralis (Oliv.) 95–22                           | Mass.Fla.Mex.      |
| 43. velutina (Oliv.) 95–18                                  | MassWis.       | cincta Hald. 47–63                                       |                    |
| fugax (Fab.) 98–153                                         | Ind. Fla.      | distans (Germ.) 24–524<br>obsoleta Hald. 47–63           |                    |
| nobilis (Newn.) 41–67                                       |                | 71. huachucæ Schffr. 05–134                              | Tex. Ariz.         |
| tenuior (Kby.) 37–181                                       |                | 72. flavatra Blatch. 14–92                               | Fla.               |
|                                                             |                |                                                          |                    |
|                                                             | T) -           |                                                          |                    |
|                                                             | Encyci         | LOPINI                                                   |                    |
| Encyclops Newn. 38–392                                      | C              |                                                          |                    |
| 14573. coerulea (Say) 27–280                                | Can. N.Y. Ill. |                                                          |                    |
| pallipes Newn. 38–392                                       | [O.            |                                                          |                    |
|                                                             |                |                                                          |                    |
|                                                             | Dorcas         | SOMINI                                                   |                    |
|                                                             | (Desmo         | cerini)                                                  |                    |
| Desmocerus Serv. 35–202                                     |                | Desmocerus Serv.                                         |                    |
| 14574. palliatus (Forst.) 71–40                             | Can. La. Ind.  | 14575. auripennis Chev. 55–187                           | Cal. Nev.          |
| blandus (Fab.) 75–182                                       |                | 76. cribripennis Horn 82–8                               | So.Cal. Wash.      |
| cyaneus (Fab.) 75–823                                       |                | 77. californicus Horn 82–7                               | Cal. So.Cal.       |
| elongatus Bland 62–269                                      |                | 78. piperi Webb 05–104                                   | Or. Wash. Id.      |
|                                                             |                |                                                          |                    |

#### NECYDALINI

| Necydalini                                                                                          |                                |                                                                                                           |                                        |
|-----------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------|
| Ulochætes Lec. 54–82<br>14579. leoninus Lec. 54–82<br>Necydalis L.58–421                            | Or. Nev. No.<br>Cal. So.Cal.   | Necydalis L.<br>14581. barbaræ Rivers 90–112<br>82. cavipennis Lec. 73–204<br>83. laevicollis Lec. 69–383 | So.Cal.<br>Cal. Ariz.<br>Vanc. No.Cal. |
| 14580. mellita Say 35–194<br>americana Hald. 47–44                                                  | Pa. Ind.                       |                                                                                                           |                                        |
|                                                                                                     | Molor                          | RCHINI                                                                                                    |                                        |
|                                                                                                     | (Stenop                        | terini)                                                                                                   |                                        |
| Molorchus Fab. 92–356                                                                               | ` -                            | Callimus Muls.                                                                                            |                                        |
| 14584. bimaculatus Say 23–428<br>affinis Lec. 24–172<br>obscurus Lec. 50–21<br>a. corni Hald. 47–45 | Atl.St. Ind.<br>[Conn.         | 14590. ruficollis (Lec.) 73–192<br>91. longicollis Csy. 12–310<br>92. opacipennis Csy. 12–311             | Cal. So.Cal.<br>Cal.<br>So.Cal.        |
| b. semiustus Newn. 40–19<br>85. longicollis Lec. 73–193                                             | Fla.<br>Cal. So.Cal.           | Poecilobrium Horn 83–291<br>14593. chalybæum (Lec.) 73–189<br>94. rugosipenne Linell 96–395               |                                        |
| Callimoxys Kr. 63–104                                                                               | 3010 01                        | on rugosipenne Linen 30 030                                                                               | Cai.                                   |
| 14586. fuscipennis (Lec.) 61–3566<br>sanguinicollis (Oliv.) 95–9 9<br>Callimus Muls. 63–210         | N.Am. Ind.                     | <b>Hybodera</b> Lec. 73–191 14595. tuberculata Lec. 73–191                                                | Vanc. Or. No.<br>Cal. Wash.            |
| (Pilema Lec. 73-192)                                                                                |                                | 96. debilis Lec. 74–66                                                                                    | So.Cal.                                |
| 14587. cyanipennis (Lec.) 73–192<br>88. variipes Csy. 12–311<br>89. dehiscens Csy. 12–312           | Cal. So.Cal.<br>So.Cal.        | <b>Megobrium</b> Lec. 73–192<br>14597. edwardsi Lec. 73–193                                               | Cal. So.Cal.                           |
|                                                                                                     | Rhinot                         | DACINI                                                                                                    |                                        |
|                                                                                                     | IUIIIUI                        | RAGINI                                                                                                    |                                        |
| Acyphoderes Serv. 33-549<br>14598. delicata Horn 94-400                                             | L.Cal.                         |                                                                                                           |                                        |
|                                                                                                     | Callice                        | IROMINI                                                                                                   |                                        |
| Callichroma Latr. 16–24                                                                             |                                | Callichroma Latr.                                                                                         |                                        |
| 14599. suaveolens (L.) 68–224<br>elegans Hald. 47–31                                                | N.CFla.                        | 14602. cobaltinum Lec. 73–195<br>03. melancholicum Bates 72–1                                             |                                        |
| splendidum Lec. 50–37                                                                               | ~ ~                            |                                                                                                           | Mex. & U.S.?                           |
| a. virescens Leng 86–61<br>14600. plicatum Lec. 53–233<br>01. smaragdina Csy. 12–314                | So.St.<br>Tex.<br>Tex.         | 04. schwarzi Fisher 14–97                                                                                 | (So.Fla.?)<br>Tex.                     |
|                                                                                                     | Сомряс                         | CERINI                                                                                                    |                                        |
| Rosalia Serv. 33–561                                                                                |                                | Rosalia Serv.                                                                                             |                                        |
| 14605. funebris Mots. 45–87<br>alpina Lec. 52–177                                                   | AlasN.Mex.<br>[So.Cal.         | a. mandibularis Csy. 12–313<br>b. acomana Csy. 12–313                                                     | Cal.<br>N.Mex.                         |
|                                                                                                     | Calli                          | DIINI                                                                                                     |                                        |
| Gonocallus Lec. 73–171                                                                              |                                | Ropalopus Muls.                                                                                           |                                        |
| 14606. collaris (Kby.) 37–141<br>lepidus (Lec.) 50–34                                               | Nfld. Can.<br>[L.Sup. Alas.    | 14612. sanguinicollis (Horn) 60-5 <b>Hylotrupes</b> Serv. 34-77                                           | 71<br>Can. N.Y. Pa.                    |
| Physocnemum Hald. 47–38                                                                             |                                | 14613. bajulus (L.) 58–396                                                                                | †Eur. Pa. Ga.                          |
| (Dularius Thoms. 60–258)<br>14607. andreæ Hald. 47–36<br>luscum (Thoms.) 60–259                     | Ga. Fla.                       | bullatus Hald. 47–36                                                                                      | La. Ct. Mass.<br>N.Y.                  |
| 08. brevilineum (Say) 23-413                                                                        | Can. Pa. Kan.<br>Ind. Me. N.Y. | Anacomis Csy. 12-271<br>(Semanotus ‡ Muls. 39-54)                                                         | )                                      |
| 09. compressipes Csy. 12–269                                                                        | Ky. Ill. N.J.                  | 14614. lignea (Fab.) 87–153                                                                               | Pa. Can. N.H.<br>N.J. Fla. Tex.        |
| 10. densum Csy. 12–270                                                                              | Kan.                           | a. parvicollis Csy. 12-272                                                                                | Ariz. So.Cal.                          |
| 11. violaceipenne Ham. 96–28                                                                        | Pa.                            | b. ampla Csy. 12–273                                                                                      | Cal.                                   |
| Ropalopus Muls. 39-39<br>(Rhopalopus Redt. 45-110<br>(Euryoptera Horn 60-571)                       | 0)                             | c. angusta Csy. 12–273<br>15. litigiosa Csy. 92–25                                                        | Cal. Wash. Or. Id.                     |
| (Daigopiola Holli 00 011)                                                                           |                                |                                                                                                           |                                        |

| Anacomis Csy.                                            |                              | Phymatodes Muls.                                           |                           |
|----------------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| 14616. terminata Csy. 12–274                             | Me. (Can.?)                  | a. variabilis (L.) 61–192                                  | Eur. N.Am.                |
| — nicolas White 55–321                                   |                              | b. ventralis Hald. 47–37                                   | Ind. N.Y. Ga. [†Cal.      |
| Hemicallidium Csy. 12-274                                |                              | (Pæcilium Fairm. 64–134)                                   |                           |
| 14617. amethystinum (Lec.) 53-                           |                              | 14635. æreus (Newn.) 38–393                                | Can. N.Y.                 |
| 18. juniperi Fisher 15–77                                | Cal. Ariz.<br>Ariz. [So.Cal. | pallipes Hald. 47–37                                       | [Conn.                    |
| 200 Jampon 1 20mer 20 00                                 | 121120 [2010 1111            | 36. æneus Lec. 54–18<br>37. infuscatus Lec. 59–285         | Or. Vanc. Cal.<br>Cal.    |
| Merium Kby. 37–172                                       | C C-1-                       | 38. obscurus Lec. 59–79                                    | Cal. So.Cal.              |
| 14619. proteus Kby. 37–172                               | CanColo.<br>Ind. Alas.       | 39. grandis Csy. 12–277                                    | So.Cal.                   |
|                                                          | H.B.T.                       | 40. dimidiatus (Kby.) 37–173                               | Colo. H.B.T.              |
| simile Kby. 37–173                                       | 68° N.Lat.                   |                                                            | Que. N.Y.                 |
| bifossatum Csy. 12–287                                   | Wis.                         | 11' · /TT 11\ 45' 41                                       | No.Cal. Or.               |
| Callidium Fab. 75–187                                    |                              | palliatus (Hald.) 47–41<br>a. mannerheimi (Lec.) 57–60     | [B.C.                     |
| 14620. antennatum Newn.38-393                            | 3 Atl. St. Ind.<br>Or. Fla.  | ?kalmi Schön. 17–442                                       | Can.                      |
|                                                          | So.Cal.                      | 41. vulneratus Lec. 57–60                                  | Cal.                      |
| a. hesperum Csy. 12–288                                  | Cal. Nev. Id.                | 42. concinnus Csy. 12–278<br>43. obliquus Csy. 91–26       | Cal.<br>Cal.              |
| 21. schotti Schffr. 17–184                               | L.I. N.C.<br>Sib. Eur. &     | 44. harfordi Csy. 12–279                                   | Cal.                      |
| 22. violaceum (L.) 58–395                                | N.Am. Nfld.                  | 45. decussatus Lec. 57–61                                  | No.Cal.                   |
|                                                          | †Greenland                   | 46. varius (Fab.) 76–232                                   | So.Cal.<br>U.S. Ind. Cal. |
| janthinum Lec. 50–34                                     | Nfld. Can.<br>N.Y. Me.       | 10. (145.) (0 102                                          | Tex. N.Y.                 |
| 23. texanum Schffr. 17-185                               | Tex.                         | versicolor (Gmel.) 90–185                                  |                           |
| 24. californicum Csy. 12–289                             | Cal.                         | a. albofasciatus Bland 62–27                               | Pa.                       |
| 25. frigidum Csy. 12–289<br>26. lacustre Csy. 12–289     | Can. Me.<br>Wis. [N.Y.       | b. subfasciellus White 55-32                               | 2                         |
| 20. lacustre Osy: 12-209<br>*                            | 1115. [11.1.                 | c. diffidens Csy. 12–280                                   | Mo.                       |
| 27. cicatricosum Mann. 53-24                             |                              | 47. latipennis Csy. 12–280<br>48. juglandis Leng 90–214    | Mass.<br>So.Cal.          |
| **                                                       | Alas. (Colo.?)               | 49. maculicollis Lec. 78–614                               | L.Sup.                    |
| 28. hirtellum Lec. 73-172                                | Colo. So.Cal.                | 50. ater Lec. 85–22                                        | N.Y. N.J.                 |
| 29. vile Lec. 73–172                                     | No.Cal.                      | (Phymatodina Csy. 12–28)                                   |                           |
| Phymatodes Muls. 39-47                                   |                              | 51. nitidus Lec. 74–66                                     | No.Cal. Nev.<br>Wash. Or. |
| (Microcallidium Csy. 12-2                                | 283)                         | 52. crucialis Csy. 12–282                                  | Cal.                      |
| 14630. amœnus (Say) 23–413                               |                              | 53. elegans Csy. 12–282                                    | Cal.                      |
| coccineicollis (Hald.) 47–8<br>a. hudsonicus Csy. 12–284 | 89 [CanN.Y.  <br>N.Y.        | 54. exilis Csy. 12–283                                     | Cal.                      |
| 31. lengi Joutel 16–242                                  | N.Y. N.J.                    | 55. lividus Rossi 94–98                                    | †So.Eur. &                |
| 32. blandus Lec. 50–79                                   | No.Cal.<br>So.Cal.           |                                                            | Can. L.I.                 |
| 33. densipennis Csy. 12-284                              | N.Mex.                       | thoracicus Com. 37–41<br>**                                |                           |
| (Phymatodes s. str.)                                     |                              | 56. semicircularis Bland 62-27                             | 5 Pa.                     |
| 34. testaceus (L.) 58–396                                | Mass. Ala.                   |                                                            |                           |
|                                                          | La. Pa. Kan.<br>Wis. Mich.   | <b>Xylocrius</b> Lec. 73–296                               | Cal.                      |
|                                                          | Ariz.                        | 14657. agassizi (Lec.) 61–357<br>58. cribratus Lec. 73–172 | Nev. Cal.                 |
|                                                          |                              |                                                            |                           |
|                                                          | CLYT                         | FINI                                                       |                           |
| <b>Tylcus</b> Csy. 12–348                                |                              | Cyllene Newn.                                              |                           |
| (Trichoxys ‡ auct. nec Ch                                |                              | 14663. crinicornis Chev. 60–460                            | Tex.La.So.Cal.            |
| 14659. hartwegi (White) 55–252                           | 11112.                       | 64. reducta Csy. 12–351<br>65. filicornis Csy. 12–352      | Tex.? [Fla. Tex.          |
| Megacyllene Csy. 12-348                                  | 0.4.:- 0. 0.1                | 66. decora (Oliv.) 95-63                                   | Fla.Ga                    |
| 14660. antennatus (White) 55–25 eurystethus (Lec.) 58–82 | ZAriz. So.Cal.               | infausta Lec. 50–17                                        | N.Mex. Ind.               |
| carysteinas (Dec.) 00-02                                 |                              | 67. angulifera Csy. 12–354                                 | Kan.                      |
| Cyllene Newn. 40–7                                       | A                            | 68. chara (Say) 35–193                                     | Ind.                      |
| 14661. snowi Csy. 12–353<br>62. zuniana Csy. 12–353      | Ariz.<br>N.Mex.              | a. kansana Csy. 12–355<br>b. horni Auriv. 12–3841          | Kan.                      |
| 1 A Tarrier Coy 1 12 000                                 |                              |                                                            |                           |

<sup>&</sup>lt;sup>1</sup> The varietal names proposed by Aurivillius in Cyllene date from Feb. 28, 1912, and will take precedence over those published by Casey (Mem. III) Mch. 20, 1912. † Introduced.

|                                                            |                           | •                                                                              |
|------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------|
| Cyllene Newn.                                              |                           | Xylotrechus Chev.                                                              |
| decora var. ‡ Horn 80 fig.                                 | . 8b                      | 14698. obliteratus Lec. 73–199 (?♂)                                            |
| solida Csy. 12–355                                         | Iowa                      | Ćolo, So.Cal.                                                                  |
| c. castelnaui Auriv. 12-384                                |                           | ?brevipennis Lec. 73–197 Utah                                                  |
| decora ‡ Horn 80 fig. 8c                                   |                           | 99. insignis Lec. 73–199(?♀) Cal.                                              |
| d. mediana Auriv. 12–384                                   | Lo                        | diruptus Csy. 12–367 So.Cal.                                                   |
| decora var. ‡ Horn 80 fig.<br>e. genitiva Csy. 12–355      | Tex.                      | 14700. incongruens Csy. 12–366 Cal.                                            |
| 14669. lutosa Lec. 61–356                                  | Kan.                      | Neoclytus Thoms. 60-67                                                         |
| 70. caryæ Gahan 08–141                                     | ConnInd.                  | (Plagithmysus Lec. 83–304)                                                     |
| picta                                                      |                           | (Rhopalomerus Chev. 60-357)                                                    |
| 71. robiniæ (Forst.) 71–43                                 | Ind. Can. U.S.            | 14701. longipes (Drury) 70-84 W.I. U.S.                                        |
| angulata (Fab.) 75–192                                     | [Conn.                    | angulatus (Fab.) 92–335                                                        |
| flexuosa (Fab.) 75–191                                     |                           | druryi (Fab.) 75–408                                                           |
| picta (Drury) 70–91                                        |                           | hopei (Cast.) 35–18<br>lunulatus (Goeze) 77–477                                |
| Arhopalus Serv. 34-77                                      |                           | rhombifer (Oliv.) 95–46                                                        |
| 14672. fulminans (Fab.) 75–192                             | ConnInd.                  | 02. cordifer (Klug) 29–13 W.I. U.S. Fla.                                       |
| 202                                                        |                           | devastator (Cast.) 35–17                                                       |
| Glycobius Lec. 73–319                                      |                           | rufescens (Cast.) 35–16                                                        |
| (Plagionotus ‡ Lec. 83–304                                 |                           | 03. scutellaris (Oliv.) 90–266 N.Y. La. Fla.                                   |
| 14673. speciosus (Say) 28–53                               | Can. No.U.S.              | Neb. Ind.                                                                      |
| hayi (Gray) 32–118                                         | [Ind. Conn.               | elegans (Hald.) 47–40                                                          |
| Colleider I - 79 910                                       |                           | 04. mucronatus (Fab.) 75–193 Can. E.U.S. luscus (Fab.) 98–152 Tex. Fla. [Ind.  |
| <b>Calloides</b> Lec. 73–319 14674. nobilis (Harris) 36–84 | N.C. Wi- I1               | humeralis (Newn.) 38–394                                                       |
| a. mormonus Schffr. 11–124                                 | N.CWis.Ind.<br>Utah       | maculosus (Gmel.) 90–1854                                                      |
| 75. biformis Csy. 12–358                                   | N.Mex. Colo.              | a. strictulus Csy. 12–369 ?                                                    |
| 76. muliebris Csy. 12–358                                  | N.Mex.                    | 05. conjunctus (Lec.) 57–61 No.Cal. Or.                                        |
| 77. coloradensis Csy. 12–358                               | Colo.                     | a. occiduus Csy. 12–369 Cal.                                                   |
| 78. lorquini Buq. 59–629                                   | Cal. So.Cal.              | . 06. tularensis Csy. 12–369 Cal.                                              |
|                                                            |                           | 07. caprea (Say) 23–424 Ariz.U.S.Mex. elevatus (Cast.) 35–32 [Ind.             |
| Xylotrechus Chev. 60–456                                   | 0 0 1 1                   | gibbicollis (Cast.) 35–24                                                      |
| 14679. colonus (Fab.) 75–191<br>campestris (Oliv.) 95–65   | CanGa. Ind.               | 08. kirbyi Auriv. 12–392 Can. Va.                                              |
| coloreus (Fab.) 02–345                                     | [Fla.                     | lo <b>n</b> gipes    (Kby.) 36–176                                             |
| terminans (Fab.) 98–151                                    |                           | 09. fulguratus Csy. 12–367 Tex.                                                |
| upsilon (Steph.) 31–244                                    |                           | 10. carus Fall 07–81 So.Cal.                                                   |
| a. agrestis (Lec.) 50–28                                   | Ga.                       | 11. modestus Fall 07–81 So.Cal.<br>12. simplarius Blatch. 17–240 Fla.          |
| b. villicus (Oliv.) 95–64                                  | N.Am.                     | 13. muricatulus (Kby.) 37–177No.St. Can.                                       |
| 80. sagittatus (Germ.) 21–171                              |                           | leucozonus (Cast.) 35–90 No.Cal.                                               |
| a. pubcscens (Hald.) 47–40<br>81. cylindrus Csy. 12–364    | Pa.<br>Wis.               | muricatus Prov. 77–601                                                         |
| 82. salebrosus Csy. 12–364                                 | N.Mex.                    | 14. infans Csy. 12–368 Cal.                                                    |
| 83. quadrimaculatus (Hald.)                                |                           | 15. jouteli Davis 04–34 N.J. Va.                                               |
|                                                            | Can. No.St.               | 16. ascendens Lec. 78–462 Colo.<br>17. acuminatus (Fab.) 75–194 Can. U.S. Ind. |
| 04 ' 13' 1 10' 21"                                         | Ind.                      | americanus (Gmel.) 90–1854                                                     |
| 84. aceris Fisher 16–215                                   | D.C. Del. Pa.             | aspericollis (Germ.) 24–517                                                    |
| 85. mormonus Lec. 61–357                                   | N.J.<br>Utah, Wis.        | erythrocephalus (Fab.) 87–156                                                  |
| 86. inflaticollis Csy. 12–360                              | Colo.                     | N.HNeb.Fla.                                                                    |
| 87. columbianus Čsy. 12–361                                | B.C.                      | 18. torquatus Lec. 73–200 Tex.                                                 |
| 88. albonotatus Csy. 12–361                                | No.Cal.                   | 19. approximatus Lec. 62–42 Kan.<br>20. abbreviatus Schffr. 08–340 Tcx.        |
| 89. montanicus Csy. 12–361                                 | Idaho                     | 21. peninsularis Schffr. 05–133 L.Cal.                                         |
| 90. longitarsis Csy. 12–362<br>91. undulatus (Say) 24–291  | Cal.<br>L.Sup. Ind.       | 22. tenuiscriptus Fall 07–82 So.Cal.                                           |
| a. gemellus Csy. 93–590                                    | Ind.                      | 23. balteatus Lec. 73–201 Or. Cal.                                             |
| b. undatus (Kby.) 37–175                                   |                           | 24. interruptus Lec. 73–201 No.Cal.                                            |
| c. fuscus (Kby.) 37–176                                    |                           | 25. magnus Schffr. 04–224 L.Cal.                                               |
| d. integer (Hald.) 47-41                                   |                           | Euryscelis Chev. 62-530                                                        |
| e. interruptus (Cast.) 35–57                               |                           | 14726. suturalis (Oliv.) 95–62? W.I.&U.S.Fla.                                  |
| f. lunulatus (Kby.) 37–175                                 |                           | dejcani Chev. 62–530 ♀                                                         |
| g. sayi (Cast.) 35–55<br>92. lengi Schffr. 08–340          | Or.                       | Phonologophys Charles 60-457                                                   |
| 93. annosus (Say) 27–277                                   | N.HNo.Cal.                | Rhopalopachys Chev. 60-457<br>14727. irroratus (Lec.) 58-26 Tex.Mex.Ariz.      |
| 94. nauticus (Mann.) 43–305                                | So.CalMont.               | inorosus Chev. 60–501 So.Cal.                                                  |
| a. gramincus (Hald.) 47–40                                 |                           |                                                                                |
| 95. quereus Schffr. 05–163                                 | Ariz.                     | Anthoboscus Chev. 60–455                                                       |
| 96. convergens Lcc. 73–198<br>97. nitidus Horn 60–572      | Ohio, Iowa<br>Pa.N.J.Tex. | (?Chlorophorus Chev. 63-290)<br>(Clytanthus Thoms. 64-190)                     |
| 51. madus 110m 00-012                                      | Tailvio.TCX.              | (Cigiananas Thoms. of 100)                                                     |

| Anthoboscus Chev.<br>14728. ruricola (Oliv.) 95–65<br>29. catulus Csy. 12–370                                                                                                                                                                                                                                                                                                                                                                                      | Can. Va. Ill.<br>Wis. [Ind.                                                                                                   | Triodoclytus Csy. 14736. lanifer (Lec.) 73–198 37. brevitarsis Csy. 12–375                                                                                                                                                                                                                                                                                                                                                | So.Cal. Ariz.<br>So.Cal.                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Clytoleptus Csy. 12-371 14730. albofasciatus (Lap.) 35-90 31. gracilicornis Csy. 12-371 32. tristis Csy. 12-371                                                                                                                                                                                                                                                                                                                                                    | 3 Pa. Ohio, Ind.<br>Ind.<br>Pa.                                                                                               | 38. crucialis Csy. 12–375  Microclytus Lec. 73–320 (? Anaglyptus Muls. 39–91 14739. gazellula (Hald.) 47–42 40. gibbulus (Lec.) 50–234 incipuens (Csy.) 93, 501                                                                                                                                                                                                                                                           | Pa.O. Can. Ill.<br>Ont. L.Sup.                                                        |
| Clytus Laich. 84–88 14733. planifrons Lec. 74–67 34. marginicollis Cast. 35–41 vespoides Hald. 47–40 35. carolinensis Csy. 12–372                                                                                                                                                                                                                                                                                                                                  | Cal. Nev.<br>MassGa.                                                                                                          | insinuans (Csy.) 93–591<br>niger (Lec.) 50–29 (err. clo<br>?compressicollis (Cast.) 35<br>a. frosti Csy. 12–375                                                                                                                                                                                                                                                                                                           |                                                                                       |
| Triodoclytus Csy. 13–387 • (Paraclytus    Csy. 12–374                                                                                                                                                                                                                                                                                                                                                                                                              | :                                                                                                                             | Cyrtophorus Lec. 50–29<br>14741. verrucosus (Oliv.) 95–67                                                                                                                                                                                                                                                                                                                                                                 | Can. No.St.<br>Ind.                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Міснтну                                                                                                                       | SOMINI                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |
| Michthysoma Lec. 50–30<br>14742. heterodoxum Lec. 50–30                                                                                                                                                                                                                                                                                                                                                                                                            | GaVa.                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tillomo                                                                                                                       | DRPHINI                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                       |
| Pentanodes Schffr. 04–222                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                               | Euderces Lec.                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |
| 14743. dietzi Schffr. 04–222                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tex.                                                                                                                          | 14747. parallelus Lec. 73–202<br>48. reichei Lec. 73–202                                                                                                                                                                                                                                                                                                                                                                  | L.Cal.<br>Tex. Ill. Ind.                                                              |
| Tetranodus Linell 96–396<br>14744. niveicollis Linell 96–396                                                                                                                                                                                                                                                                                                                                                                                                       | Tex.                                                                                                                          | 49. exilis Csy. 93–591                                                                                                                                                                                                                                                                                                                                                                                                    | Tex.                                                                                  |
| <b>Euderces</b> Lec. 50–30<br>14745. picipes (Fab.) 87–157                                                                                                                                                                                                                                                                                                                                                                                                         | Can. E.U.S.                                                                                                                   | Tilloclytus Bates 85-303<br>(Tillomorpha Lec. nec Bla                                                                                                                                                                                                                                                                                                                                                                     | nch.)                                                                                 |
| 46. pini (Oliv.) 95–71                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ind.<br>CanTex.Ind.                                                                                                           | 14750. geminatus (Hald.) 47–42<br>duplicatus (Lec.) 50–29                                                                                                                                                                                                                                                                                                                                                                 | MassGa.                                                                               |
| piniadea (Fab.) 02–353<br>a. testaceipes (Hald.) 47–41                                                                                                                                                                                                                                                                                                                                                                                                             | Can1 cx. mu.                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                       |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CLEOM                                                                                                                         | ENINI                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                       |
| Dihammaphora Chev. 59–50                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ollion                                                                                                                        | 2312112                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                       |
| 14751. dispar Chev. 59–52                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mex. Tex.                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                               | PHORINI                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                       |
| 14751. dispar Chev. 59–52                                                                                                                                                                                                                                                                                                                                                                                                                                          | Мех. Тех.<br><b>R</b> нора <b>L</b> о                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                               | PHORINI  Rhopalophora Serv.  14755. longipes (Say) 23–426 porosa White 55–206 a. meeskei Csy. 92–30 56. bicincta Horn 95–245                                                                                                                                                                                                                                                                                              | PaKan. Ind.<br>[Ariz.<br>N.Mex. Ariz.<br>L.Cal.                                       |
| 14751. dispar Chev. 59–52  Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83                                                                                                                                                                                                                                                                                                                          | RHOPALO Tex. N.Mex. Tex. Ariz.                                                                                                | Rhopalophora Serv.<br>14755. longipes (Say) 23-426<br>porosa White 55-206<br>a. meeskei Csy. 92-30<br>56. bicincta Horn 95-245                                                                                                                                                                                                                                                                                            | [Ariz.<br>N.Mex. Ariz.                                                                |
| 14751. dispar Chev. 59–52  Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83                                                                                                                                                                                                                                                                                                                          | RHOPALO Tex. N.Mex. Tex. Ariz. Tex. [L.Cal. HETEROPSINI ( E.St. Ind. Fla. Tex. Mex. 1 L.Cal.                                  | Rhopalophora Serv. 14755. longipes (Say) 23-426 porosa White 55-206 a. meeskei Csy. 92-30 56. bicincta Horn 95-245  (Stenosphenini)  Stenosphenus Hald. 14761. longicollis Csy. 92-34 62. beyeri Schffr. 05-163 63. dolosus Horn 85-179 64. debilis Horn 85-179 65. lucanus Csy. 12-346                                                                                                                                   | [Ariz.<br>N.Mex. Ariz.                                                                |
| 14751. dispar Chev. 59–52  Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83 54. angustata Schffr. 05–162  Stenosphenus Hald. 47–39 14757. notatus (Oliv.) 95–61 deflendus (Newn.) 50–6 58. lugens Lcc. 62–41 hirsutipennis Bates 72–19                                                                                                                                                               | RHOPALO Tex. N.Mex. Tex. Ariz. Tex. [L.Cal. HETEROPSINI ( E.St. Ind. Fla. Tex. Mex.                                           | Rhopalophora Serv. 14755. longipes (Say) 23-426 porosa White 55-206 a. meeskei Csy. 92-30 56. bicincta Horn 95-245  (Stenosphenini)  Stenosphenus Hald. 14761. longicollis Csy. 92-34 62. beyeri Schffr. 05-163 63. dolosus Horn 85-179 64. debilis Horn 85-179                                                                                                                                                           | [Ariz.<br>N.Mex. Ariz.<br>L.Cal.<br>Ariz.<br>Tex.<br>Utah, So.Cal.                    |
| 14751. dispar Chev. 59–52  Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83 54. angustata Schffr. 05–162  Stenosphenus Hald. 47–39 14757. notatus (Oliv.) 95–61 deflendus (Newn.) 50–6 58. lugens Lcc. 62–41 hirsutipennis Bates 72–19 59. novatus Horn 85–178 60. lepidus Horn 85–179                                                                                                               | RHOPALO Tex. N.Mex. Tex. Ariz. Tex. [L.Cal. HETEROPSINI ( E.St. Ind. Fla. Tex. Mex. 1 L.Cal.                                  | Rhopalophora Serv. 14755. longipes (Say) 23–426 porosa White 55–206 a. meeskei Csy. 92–30 56. bicincta Horn 95–245  (Stenosphenini)  Stenosphenus Hald. 14761. longicollis Csy. 92–34 62. beyeri Schffr. 05–163 63. dolosus Horn 85–179 64. debilis Horn 85–179 65. lucanus Csy. 12–346 66. pruddeni Csy. 12–346                                                                                                          | [Ariz.<br>N.Mex. Ariz.<br>L.Cal.<br>Ariz.<br>Tex.<br>Utah, So.Cal.<br>L.Cal.          |
| 14751. dispar Chev. 59–52  Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83 54. angustata Schffr. 05–162  Stenosphenus Hald. 47–39 14757. notatus (Oliv.) 95–61 deflendus (Newn.) 50–6 58. lugens Lcc. 62–41 hirsutipennis Bates 72–19 59. novatus Horn 85–178 60. lepidus Horn 85–179  Agallissus Dalm. 23–66                                                                                       | RHOPALO Tex. N.Mex. Tex. Ariz. Tcx. [L.Cal. HETEROPSINI ( E.St. Ind. Fla. Tex. Mex. 1 L.Cal. Ariz. Tex.                       | Rhopalophora Serv. 14755. longipes (Say) 23-426 porosa White 55-206 a. meeskei Csy. 92-30 56. bicincta Horn 95-245  (Stenosphenini)  Stenosphenus Hald. 14761. longicollis Csy. 92-34 62. beyeri Schffr. 05-163 63. dolosus Horn 85-179 64. debilis Horn 85-179 65. lucanus Csy. 12-346 66. pruddeni Csy. 12-346                                                                                                          | [Ariz.<br>N.Mex. Ariz.<br>L.Cal.<br>Ariz.<br>Tex.<br>Utah, So.Cal.<br>L.Cal.<br>Ariz. |
| Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83 54. angustata Schffr. 05–162  Stenosphenus Hald. 47–39 14757. notatus (Oliv.) 95–61 deflendus (Newn.) 50–6 58. lugens Lcc. 62–41 hirsutipennis Bates 72–19 59. novatus Horn 85–178 60. lepidus Horn 85–179  Agallissus Dalm. 23–66 ( <i>Cryptopleura</i> Lec. 50–6) 14767. chamæropis Horn 93–138                                                   | RHOPALO Tex. N.Mex. Tex. Ariz. Tex. [L.Cal. HETEROPSINI ( E.St. Ind. Fla. Tex. Mex. 1 L.Cal. Ariz. Tex. AGALLI                | Rhopalophora Serv. 14755. longipes (Say) 23-426 porosa White 55-206 a. meeskei Csy. 92-30 56. bicincta Horn 95-245  (Stenosphenini)  Stenosphenus Hald. 14761. longicollis Csy. 92-34 62. beyeri Schffr. 05-163 63. dolosus Horn 85-179 64. debilis Horn 85-179 65. lucanus Csy. 12-346 66. pruddeni Csy. 12-346  (SSINI  Agallissus Dalm. 14769. floridanus Csy. 12-376                                                  | [Ariz.<br>N.Mex. Ariz.<br>L.Cal.<br>Ariz.<br>Tex.<br>Utah, So.Cal.<br>L.Cal.          |
| Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83 54. angustata Schffr. 05–162  Stenosphenus Hald. 47–39 14757. notatus (Oliv.) 95–61 deflendus (Newn.) 50–6 58. lugens Lcc. 62–41 hirsutipennis Bates 72–19 59. novatus Horn 85–178 60. lepidus Horn 85–179  Agallissus Dalm. 23–66 ( <i>Cryptopleura</i> Lec. 50–6) 14767. chamæropis Horn 93–138 68. lepturoides Chev. 49–12 elytoides Lac. 69–134 | RHOPALO Tex. N.Mex. Tex. Ariz. Tex. [L.Cal.  HETEROPSINI ( E.St. Ind. Fla. Tex. Mex. 1 L.Cal. Ariz. Tex. AGALLI               | Rhopalophora Serv. 14755. longipes (Say) 23-426 porosa White 55-206 a. meeskei Csy. 92-30 56. bicincta Horn 95-245  (Stenosphenini)  Stenosphenus Hald. 14761. longicollis Csy. 92-34 62. beyeri Schffr. 05-163 63. dolosus Horn 85-179 64. debilis Horn 85-179 65. lucanus Csy. 12-346 66. pruddeni Csy. 12-346                                                                                                          | [Ariz.<br>N.Mex. Ariz.<br>L.Cal.<br>Ariz.<br>Tex.<br>Utah, So.Cal.<br>L.Cal.<br>Ariz. |
| Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83 54. angustata Schffr. 05–162  Stenosphenus Hald. 47–39 14757. notatus (Oliv.) 95–61 deflendus (Newn.) 50–6 58. lugens Lcc. 62–41 hirsutipennis Bates 72–19 59. novatus Horn 85–178 60. lepidus Horn 85–179  Agallissus Dalm. 23–66 ( <i>Cryptopleura</i> Lec. 50–6) 14767. chamæropis Horn 93–138 68. lepturoides Chev. 49–12                       | RHOPALO Tex. N.Mex. Tex. Ariz. Tex. [L.Cal. HETEROPSINI ( E.St. Ind. Fla. Tex. Mex. 1 L.Cal. Ariz. Tex. AGALLI                | Rhopalophora Serv. 14755. longipes (Say) 23-426 porosa White 55-206 a. meeskei Csy. 92-30 56. bicincta Horn 95-245  (Stenosphenini)  Stenosphenus Hald. 14761. longicollis Csy. 92-34 62. beyeri Schffr. 05-163 63. dolosus Horn 85-179 64. debilis Horn 85-179 65. lucanus Csy. 12-346 66. pruddeni Csy. 12-346 38SINI  Agallissus Dalm. 14769. floridanus Csy. 12-376  Zagymnus Lec. 73-203 14770. clerinus Lec. 73-321 | [Ariz. N.Mex. Ariz. L.Cal.  Ariz. Tex. Utah, So.Cal. L.Cal. Ariz.                     |
| Rhopalophora Serv. 34–100 ( <i>Tinopus</i> Lcc. 50–19) 14752. lævicollis Lec. 73–193 53. rugicollis Lec. 58–83 54. angustata Schffr. 05–162  Stenosphenus Hald. 47–39 14757. notatus (Oliv.) 95–61 deflendus (Newn.) 50–6 58. lugens Lcc. 62–41 hirsutipennis Bates 72–19 59. novatus Horn 85–178 60. lepidus Horn 85–179  Agallissus Dalm. 23–66 ( <i>Cryptopleura</i> Lec. 50–6) 14767. chamæropis Horn 93–138 68. lepturoides Chev. 49–12 elytoides Lac. 69–134 | RHOPALO Tex. N.Mex. Tex. Ariz. Tex. [L.Cal. HETEROPSINI ( E.St. Ind. Fla. Tex. Mex. 1 L.Cal. Ariz. Tex. AGALLI Fla. Mex. Tex. | Rhopalophora Serv. 14755. longipes (Say) 23-426 porosa White 55-206 a. meeskei Csy. 92-30 56. bicincta Horn 95-245  (Stenosphenini)  Stenosphenus Hald. 14761. longicollis Csy. 92-34 62. beyeri Schffr. 05-163 63. dolosus Horn 85-179 64. debilis Horn 85-179 65. lucanus Csy. 12-346 66. pruddeni Csy. 12-346 38SINI  Agallissus Dalm. 14769. floridanus Csy. 12-376  Zagymnus Lec. 73-203 14770. clerinus Lec. 73-321 | [Ariz. N.Mex. Ariz. L.Cal.  Ariz. Tex. Utah, So.Cal. L.Cal. Ariz.                     |

#### ATIMILNI

|        | Atimiini                                                                      |                             |                                                                                         |                          |  |
|--------|-------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------|--------------------------|--|
|        | ia Hald. 47–56<br>. confusa (Say) 27–276<br>tristis Hald. 47–56               | Can.M.St.Ind.               | Paratimia Fisher 15-78<br>14774. conicola Fisher 15-78                                  | Cal.                     |  |
| 73     | dorsalis Lec. 69–385                                                          | Vanc. So.Cal.<br>Ariz.      |                                                                                         |                          |  |
|        |                                                                               | PTEROPL                     | ATINI                                                                                   |                          |  |
| Elsete | oleptus Duges 79–182                                                          |                             | Elytroleptus Dugės                                                                      |                          |  |
| 14775  | (Pteroplatus Lec. 73–310)<br>. apicalis Lec. 84–24                            | Ariz. Mex.<br>Tex. Fla.     | 14779. rufipennis Lec. 84–23                                                            | Ariz. N.Mex.             |  |
|        | . divisus Lec. 84–23<br>brevicornis Csy. 93–586♀<br>. floridanus (Lec.) 62–42 | Fla. L.I. Mass.             | <b>Holopleura</b> Lec. 73–193<br>14780. marginata Lec. 73–194 ♀<br>helena Lec. 73–194 ♂ | Cal.                     |  |
|        | . ignitus Lec. 84–24                                                          | Ariz.                       |                                                                                         |                          |  |
|        |                                                                               | STENA                       | ASPINI                                                                                  |                          |  |
| Crion  | rosopus Serv. 34–53                                                           |                             | Æthecerinus Ckll.                                                                       |                          |  |
| 14781. | rimosus Buq. 40–142<br>splendens Lec. 53–441                                  | Tex.                        | 14802. latecinctus Horn 80–134<br>03. wilsoni Horn 60–570                               | Ariz.<br>Tex.Ariz.Mex.   |  |
|        | magnificus Lec. 75–173<br>lateralis Lec. 84–22                                | Ariz.<br>Tex.               | <b>Oxoplus</b> Lec. 62–41 14804. marginatus Lec. 62–420                                 | L.Cal.                   |  |
| Stena  | spis Serv. 34–51                                                              |                             | cruentus Lec. 62−42 ♀                                                                   | L.Cal.                   |  |
| 14784  | (Smileceras Lec. 50–8)<br>solitaria (Say) 23–410                              | KanMex.                     | 05. corallinus Lec. 62–42<br>06. coccineus Csy. 93–588                                  | Wy.Ut.N.Mex.<br>Utah     |  |
| 85.    | unicolor Dupont 40–11<br>lugubris Csy. 12–318                                 | [Ariz. L.Cal.<br>Ariz.      | 07. jocosus Horn 85–175                                                                 | Colo. Ariz.<br>So.Cal.   |  |
|        | verticalis Serv. 34–52<br>superba Newn. 38–493                                | Tex.Ariz.Mex.               | <b>Schizax</b> Lcc. 73–195<br>14808. senex Lcc. 73–196                                  | Ariz.                    |  |
| . 87.  | arizonicus Csy. 12–318                                                        | Ariz.                       | Tylosis Lec. 50–9                                                                       |                          |  |
| Tragic | dion Serv. 34–89                                                              | ,                           | 14809. robusta Csy. 12–342                                                              | Ariz.                    |  |
| 14788. | ( <i>Trichoscelis</i> Bates 85–324 peninsulare Schffr. 08–339                 |                             | 10. maculata Lec. 50–9<br>a. sellata Lec. 50–9                                          | TexAriz. Mex.            |  |
|        | annulatum ‡ Csy. nec Lec                                                      |                             | 11. argus Csy. 12–342                                                                   | N.Mex.                   |  |
| 89.    | annulatum Lec. 58–83                                                          | Ariz. N.Mex<br>Cal. So.Cal. | 12. sexualis Csy. 12–343                                                                | N.Mex.                   |  |
|        |                                                                               | Tex.?                       | 13. texana Csy. 12–343<br>14. subtruncata Csy. 12–343                                   | Tcx.<br>N.Mex.           |  |
| 00     | auripenne Csy. 93–586                                                         | Utah<br>N.Mex.              | 15. brevicollis Csy. 12–344                                                             | N.Mex.                   |  |
| 90.    | hirsuticolle Csy. 12–321<br>fulvipenne Csy. nec Say                           | IN.IVICX.                   | 16. medialis Csy. 12–344<br>17. bifasciata Csy. 12–344                                  | N.Mex.<br>N.Mex.         |  |
|        | densiventre Csy. 12–322                                                       | Ariz.                       | conjuncta Csy. 12–344                                                                   | N.Mex.                   |  |
| 92.    | coquus (L.) 58–393                                                            | N.Y. Fla. Tex.<br>Ind.      | parva Csy. 12–345                                                                       | N.Mex.                   |  |
|        | lynceum (Fab.) 75–191                                                         | Atl. & So.St.               | 18. puncticollis Bates 85–325<br>19. oculata Lec. 50–9                                  | Mcx. Ariz.<br>Tex. Mcx.  |  |
|        | melsheimeri (Germ.) 24–50                                                     |                             |                                                                                         |                          |  |
|        | filicorne Csy. 12–323<br>fulvipenne (Say) 23–414                              | N.Mcx. Tex.<br>TexIllUtah   | <b>Crossidius</b> Lec. 52–102<br>14820. ater Lec. 61–256                                | Utah, Cal. Nev.          |  |
| c.     | nubifer Csy. 12–323                                                           | Tex.                        | 21. punctatus Lec. 73–196                                                               | Or.Cal.                  |  |
|        | levipes Csy. 12–323<br>apicatum Csy. 12–323                                   | N.Mcx.<br>Tex.              | 22. plagiatus Csy. 12–336                                                               | ?<br>Colo So Col         |  |
|        | armatum Lec. 58–25                                                            | So.Cal. Tex.                | 23. testaceus Lec. 52–102<br>24. maculicollis Csy. 12–337                               | Colo. So.Cal.<br>So.Cal. |  |
| Purpu  | ricenus Germ. 24–500                                                          |                             | 25. intermedius Lec. 73–196                                                             | Ariz. N.Mex.             |  |
|        | humcralis (Fab.) 98–143                                                       | Can. Atl.St.                | 26. longipennis Csy. 92–31                                                              | So.Cal.<br>N.Mex.        |  |
| 06     | axillaris Hald. 47–31                                                         | Mo. Ind.<br>MassTex.        | 27. crassipes Csy. 92–32                                                                | Wash.                    |  |
|        | dimidiatus Lec. 85–23                                                         | Cal. [Ind.                  | 28. wickhami Csy. 12–337                                                                | Utah                     |  |
| Metal  | eptus Bates 72–192                                                            | •                           | 29. truncatellus Csy. 12–338<br>30. pulchcllus Lec. 61–356                              | Utah<br>Cal. Colo.       |  |
|        | angulatus (Chev.) 34–67                                                       | Mex. So.Cal.                | a. sinuosus Csy. 12–339                                                                 | ? [N.Mex.                |  |
| OO     | marginellus Bates 72–193                                                      | A                           | b. retractus Csy. 12–339<br>c. vegasensis Csy. 12–339                                   | Nan.<br>N.Mex.           |  |
|        | batesi Horn 85–174<br>femoratus Schffr. 09–384                                | Ariz.<br>Ariz.              | 31. debilis Csy. 12–339 ·                                                               | Kan.                     |  |
|        | gracilior Fall 09–164                                                         | Ariz.                       | 32. lanaticollis Csy. 12–339                                                            | ?<br>Col. Work           |  |
| Æthec  | erinus Ckll. 07–154                                                           |                             | 33. hirtipes Lec. 54–18<br>34. humeralis Lcc. 58–25                                     | CalWash.<br>Tex. N.Mcx.  |  |
|        | (Aëthecerus    Chev. 62-532                                                   |                             | 35. allgewahri Lec. 78–461                                                              | Idaho                    |  |
| 14801. | horni Lac. 69–184                                                             | Fla.                        | 36. nitidicollis Csy. 92–33                                                             | Ariz.                    |  |

| Crossidius Lec.<br>14837. discoideus (Say) 23–411                                                              | Neb. Idaho,<br>N.Mex.So.Cal.               | <b>Mannophorus</b> Lec. 53–442 14849. laetus Lec. 53–442                                                               | Mex. Tex.                                       |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| pulchrior Bland 62–272<br>38. blandi Csy. 93–589<br>39. sayi Csy. 12–340<br>a. bilenticulatus Csy. 12–340      | Utah<br>N.Mex.                             | <b>Amannus</b> Lec. 58–24<br>14850. pectoralis Lec. 58–25<br>51. vittiger Lec. 58–24                                   | So.Cal. Colo.<br>Tex. N.Mex.                    |
| 40. submetallieus Csy. 12–34.  Sphænothecus Dupont 38–55  (Ishnocnemis ‡ Lec. 73–31                            | 1 Colo.                                    | <b>Batyle</b> Thoms. 64–201<br>14852. scclusa Csy. 12–327<br>53. ignicollis (Say) 23–412<br>sanguinicollis (Germ.) 24– | N.Mex.<br>MontTex.                              |
| (Plionoma Csy. 12–333)<br>14841. suturalis Lec. 58–25<br>42. rubens Csy. 92–34<br>43. degener Csy. 12–334      | Tex. (Cal?.)<br>Ariz.<br>Ariz.             | 54. punctipennis Csy. 12–328<br>55. acomana Csy. 12–328<br>56. oblonga Csy. 12–329                                     |                                                 |
| (Taranomis Csy. 12–333) 44. bivittatus Dupont 38–58 bilineatus Gory 39–45                                      | Mex.Tex.Ariz.<br>[So.Cal.                  | <b>Batyleoma</b> Csy. 12–329<br>14857. suturale (Say) 23–411                                                           | Atl.St. Mont.<br>Cal. Can. Ind.<br>Fla. So.Cal. |
| (!Entomosterna Chev. 62-45. basalis Horn 94-401<br>46. cyanicollis Dupont 38-59<br>47. pallidus Schffr. 05-132 | L.Cal.<br>Mex.Tex.Ariz.<br>L.Cal.          | miniata (Germ.) 24–515<br>rubra Newn. 38–393<br>a. pearsalli (Bland) 62–272                                            | Ohio<br>Neb.                                    |
| Perarthrus Lec. 52–101<br>14848. vittatus Lec. 52–102                                                          | So.Cal.                                    | b. rutilans Lec. 50–18<br>58. cylindrella Csy. 93–587<br>59. fontinalis Csy. 12–330                                    | N.Mex.<br>Tex.<br>N.Mex.                        |
|                                                                                                                | TRACHY                                     | DERINI                                                                                                                 |                                                 |
| Dendrobias Serv. 34-41                                                                                         |                                            | Dendrobias Serv.                                                                                                       |                                                 |
| 14860. debilicollis Csy. 12–316<br>61. virens Csy. 12–316                                                      | N.Mex.<br>Tex.                             | 14864. ?mandibularis Serv. 34–42                                                                                       | (Tex!?)                                         |
| 62. peninsularis Csy. 12–316<br>63. reductus Csy. 12–316                                                       | L.Cal.<br>So.Cal.                          | quadrimaculatus Dup. 36-                                                                                               | L.Cal. So.Cal.                                  |
|                                                                                                                | Lisson                                     | OTINI                                                                                                                  |                                                 |
| Lissonotus Dalm. 17–364<br>14865. flavocinetus Dup. 36–9<br>a. multifasciatus Dup. 36–10                       | So.AmAriz.<br>Mex. Ariz.<br>L.Cal. So.Cal. | Lissonotus Dalm. b. puncticollis Bates 85-90 c. lucanus Csy. 12-317                                                    | L.Cal. & Mex.<br>L.Cal.                         |
|                                                                                                                |                                            |                                                                                                                        |                                                 |
|                                                                                                                | MEGAD                                      | ERINI                                                                                                                  |                                                 |
| Megaderus Germ. 24–501<br>14866. bifasciatus Dup. 36–5<br>corallifer Newn. 40–195                              | Mex.Tex.Ariz.                              |                                                                                                                        |                                                 |
|                                                                                                                | LAMI                                       | IN ZP                                                                                                                  |                                                 |
|                                                                                                                |                                            |                                                                                                                        |                                                 |
| 1                                                                                                              | eng & Hamilton                             |                                                                                                                        |                                                 |
|                                                                                                                | Dorca                                      |                                                                                                                        |                                                 |
| Plectrura Mann. 52–365<br>14867. spinicauda Mann. 52–366<br>producta Lec. 54–19                                | AlasOr.                                    | <b>Ipochus</b> Lee.<br>14872. subnitidus Csy. 91-45<br>73. fasciatus Lee. 52-167<br>74. pinicola Csy. 13-280           | So.Cal.<br>So.Cal.<br>Cal.                      |
| <b>Ipochus</b> Lec. 52–166<br>14868. hispidus Csy. 13–279<br>69. pubescens Csy. 91–45                          | So.Cal.                                    | 75. catalinæ Csy. 13–281  Parmenosoma Schffr. 08–343                                                                   | So.Cal. Is.                                     |
| 70. parvulus Csy. 13–280<br>71. globicollis Csy. 13-280                                                        | Cal.<br>So.Cal.                            | 14876. griscum Schffr. 08–344                                                                                          | Tex.                                            |
|                                                                                                                | Moneil                                     | EMINY                                                                                                                  |                                                 |
| Manailana C. 24 400                                                                                            | WIONEIL                                    |                                                                                                                        |                                                 |
| Moneilema Say 24-403<br>(Moneilema s. str.)                                                                    |                                            | Moneilema Say<br>14878. cylindricollis Csy. 13–283                                                                     | N.Mex.                                          |
| 14877. annulata Say 24–404                                                                                     | Kan. Mont                                  | 79. microstieta Csy. 13–283                                                                                            | Ariz.                                           |
| a. nubccula Csy. 13–282<br>b. demissa Csy. 13–282                                                              | Ariz. Nev.<br>Kan. Colo.<br>Kan.           | 80. appressa Lee. 52–168<br>81. corrugans Csy. 13–284<br>a. ovipennis Csy. 13–284                                      | Tex. N.Mex.<br>Ariz. [Ariz.<br>Ariz.            |
|                                                                                                                |                                            |                                                                                                                        |                                                 |

| Moneilema Say                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  | Moneilema Say                                                      |                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------|---------------------------|
| (Collapteryx Newn. 38–39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7)<br>N.Mex. Kan.                | a. simplicicornis Csy. 13–286                                      |                           |
| 14882. lævigata Bland 62–267<br>a. solida Csy. 13–288                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tex.                             | b. grylliceps Csy. 13–287<br>c. rector Csy. 13–287                 | N.Mex.<br>Colo.           |
| b. femoralis Csy. 13–288                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tex.                             | 14886. obtusa Lec. 73–230                                          | Utah                      |
| 83. gigas Lec. 73–236<br>a. constricta Csy. 13–285                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ariz.<br>Ariz.                   | 87. spoliata Horn 85–186<br>88. fortc Lec. 73–230                  | So.Cal. L.Cal.<br>Ariz.   |
| b. uteana Csy. 13–285                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Utah                             | 89. subrugosa Bland 62–267                                         | L.Cal.                    |
| c. pimalis Csy. 13–285<br>d. spinicollis Csy. 91–45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ariz.<br>Ariz.                   | a. opaca Csy. 13–289<br>90. ulkei Horn 85–186                      | ?<br>N.Mex. Tex.          |
| e. pollens Csy. 13–286                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | So.Ariz.                         | 91. variolare Thoms. 67–77                                         | Mex. (U.S.?)              |
| 84. semipunctata Lec. 52–167<br>85. armata Lec. 53–234                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | L.Cal.<br>Tex. N.Mex.            | 92. crassa Lec. 53–234                                             | N.Mex. Tex.               |
| 200, 00 201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Colo.                            |                                                                    |                           |
| Cyrtinus Lec. 52–166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cyrt                             | ININI                                                              |                           |
| 14893. pygmæus (Hald.) 47–42<br>minutissimus (Dej.) 36–35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CanAla. Ind.                     |                                                                    | •                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pseno                            | CERINI                                                             |                           |
| Psenocerus Lec. 52–158<br>14894. supernotatus (Say) 23–425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Can N C Kan                      | Psenocerus Lec. a. tristis Csy. 91-45                              | N.C.                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | L.I. Ia.                         | b. funebris Csy. 14–367                                            | Pa.                       |
| lunifer (Dej.) 36–375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Conn. Ind.                       | •                                                                  |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Monoc                            | CHAMINI                                                            |                           |
| Monochamus Serv. 35–91,<br>(Monohammus ‡ auct.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  | <b>Hetœmis</b> Hald. 47–54<br>14911. cincrea (Oliv.) 95–28         | N.Y. Ala. Ill.            |
| 14895. titillator (Fab.) 75–279                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CanFla.                          | juglandis Hald. 47–54                                              | [Ind. Conn.               |
| 96. angusticollis Csy. 13–292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (Cal.?) Ind.<br>Tex.             | trilineata (Say) 23–273                                            |                           |
| 97. carolinensis (Oliv.) 95–85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Va. N.J. Ind.                    | Cacoplia Lec. 52-149                                               | D1 1 \                    |
| dentator (Fab.) 75–278<br>minor Lec. 73–231                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                  | ( <i>Hebestola</i> ‡ Hald. 47–54 r<br>14912. pullata (Hald.) 47–55 | N.YAla.                   |
| 98. maculosus Hald. 47–51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Colo. N.Mex.                     | * pruinosa (Lec.) 52–149                                           | [Conn.                    |
| clamator Lec. 52–149<br>99. oregonensis Lec. 73–231                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | [Ariz.<br>Vanc. Cal. Or.         | nebulosa (Hald.) 47–54                                             |                           |
| , and the second | Wash. Alas.                      | Hammoderus Thoms. 60–98<br>14915. tessellatus (Hald.) 47–51        | Ga. N.YLa.                |
| 14900. strenuus Csy. 13–293<br>01. notatus (Drury) 75–65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Colo.<br>Wis. Ind. N.Y.          |                                                                    | Ind.                      |
| confusor Kby. 37–168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Can. N.Eng.                      | 16. amplipennis Csy. 13–295                                        | (Colo.?) N.C.             |
| 02. obtusus Csy. 91–45<br>03. monticola Csy. 13–293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No.Cal.<br>Colo.Mont.Or.         | Goes Lec. 52–150<br>14917. tigrinus (DeG.) 75–113                  | CanFla. Ind.              |
| 04. scutellatus (Šay) 24–289                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MeWis.                           | tomentosus (Zicgl.) 46–47                                          | CanFia. Inc.              |
| resutor Kby. 37–167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (Cal.?) Ind.<br>H.B.T.           | tigris (Schon.) 24–383<br>a. marmoratus Csy. 13–296                | Tex.                      |
| mutator Lec. 50–235                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L.Sup.                           | 18. pulcher (Hald.) 47–50                                          | Vt. S.C. La.              |
| 05. marmorator Kby. 37–169 fautor Lec. 52–149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Wis. N.S.<br>[L.Sup.             | 19. pulverulentus (Hald.) 47-8                                     | Wis.<br>51                |
| acutus Lac. 69–316                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  | 10. parveralentas (Italai) 1. e                                    | Mass. Fla. O.             |
| Ptychodes Serv. 35-76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                  | 20. robinsoni Csy. 14–368                                          | Ind.<br>R.I.              |
| 14906. trilineatus (L.) 71–532                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | La. Tex. Ariz.                   | 21. laurenticus Csy. 13–297                                        | No.N.Y.                   |
| vittata (Fab.) 77–231<br>07. abbreviatus Csy. 93–593                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ariz. {L.Cal.                    | 22. debilis Lcc. 52–150                                            | N.Y. La. Ia.<br>Fla. Ind. |
| Dorchaschema Lec. 52-147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                  | Microgoes Csy. 13–298                                              | Con Win D                 |
| 14908. wildi Uhler 55–217                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MdInd.                           | 14923. oculatus (Lec.) 62–40<br>24., tenuicornis Csy. 13–298       | Can. Wis. Pa.<br>Pa.      |
| 09. alternatum (Say) 23–405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N.Y. Ill. S.C.<br>Tex. Fla. Ind. | Plectrodera Lec. 52-151                                            |                           |
| 10. nigrum (Say) 27–272                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Can.Va.Ill.La.                   | 14925. scalator (Fab.) 75–279                                      | D.CMont                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ind.                             | belli (Lcc.) 44–209                                                | [La. Ind.                 |
| Synanhata Thoma 64 494                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Meso                             |                                                                    |                           |
| Synaphæta Thoms. 64–484<br>14926. humeralis Csy. 13–299                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cal.                             | Synaphæta Thoms.<br>14928. guexi (Lec.) 52–166                     | So.Cal. Vanc.             |
| 27. annulata Csy. 13–300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cal.                             | 29. brevicollis Csy. 13–300                                        | Cal.                      |

<sup>\*</sup> The numbers 14913 and 14914, which were used in error in the manuscript, are omitted.

Acanthoderes Serv. 35-29

# ACANTHODERINI

Thryallis Thoms. 57-409

| 14930. peninsularis Horn 80–116                                                                                                 | L.Cal. Ariz.<br>N.Mex.             | 14934. undatus (Chev.) 35-61                                                                                  | Tex. Mex.                        |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------|
| Psapharochrus Thoms. 65–544<br>14931. quadrigibbus(Say)35–195                                                                   | Mass. La. Fla.                     | <b>Steirastoma</b> Serv. 35–24<br>14935. depressum (L.) 58–390                                                | So.Am. (Fla.?)                   |
| #gomorphus Hald. 47–45 14932. decipiens Hald. 47–45  (Ethiopoctines Thoms. 68–33. morrisi Uhler 55–417 leucogenus Thoms. 68–148 | Can. Pa. Md.                       | Peritapnia Horn 94-404<br>14936. fabra Horn 94-404<br>wickhami (Leng) 96-114<br>37. nudicornis (Bates) 84-421 | Ariz.<br>So.Ariz.<br>Mex. L.Cal. |
|                                                                                                                                 | Acantho                            | CININI                                                                                                        |                                  |
| Lagochirus Er. 47-144                                                                                                           |                                    | Astylidius Csy.                                                                                               |                                  |
| 14938. araneiformis (L.) 67-625                                                                                                 | So.Am. W.I.                        | 14964. versutus Csy. 13–308                                                                                   | D.C.                             |
| G 40.004                                                                                                                        | Fla.                               | 65. leiopinus Csy. 13–308                                                                                     | Tex.                             |
| 39. procerus Csy. 13–304<br>?obsoletus Thoms. 60–10                                                                             | (?L.Cal.)<br>Mex. L.Cal.?          | 66. schwarzi (Ham.) 96–124                                                                                    | Fla.                             |
|                                                                                                                                 | Mex. L.Cai.:                       | Nyssodrysina Csy. 13–309                                                                                      |                                  |
| Composite Horn 80–117                                                                                                           | A * G G 1                          | (Nyssodrys ‡ Horn nec Ba                                                                                      |                                  |
| 14940. palmeri (Lec.) 73–233<br>41. niger Horn 94–402                                                                           | Ariz. So.Cal.<br>L.Cal.            | 14967. haldemani (Lec.) 52–173<br>— contempta Bates 64–152                                                    | Ga.Ala (Pa.?) Mex.               |
| 41. Ingel 110th 94–402                                                                                                          | L.Cai.                             | — contempta Dates 04–152                                                                                      | Mex.                             |
| Glaucotes Csy. 13-305                                                                                                           |                                    | Leiopus Serv. 35–145                                                                                          |                                  |
| 14942. yuccivorus (Fall) 07-83                                                                                                  | So.Ariz.                           | (Liopus ‡ auct.)                                                                                              |                                  |
| Leptostylus Lec. 52–168                                                                                                         | •                                  | (Amniscus Hald. 45–46)<br>14968. variegatus (Hald.) 47–47                                                     | Can.Ala.Kan.                     |
| (Amniscus Dej. pars)                                                                                                            |                                    | a. trifasciatus (Hald.) 47–47                                                                                 | [Ind.                            |
| 14943. aculifer (Say) 23–329                                                                                                    | CanWis. Fla.                       | b. obscurus (Hald.) 47–47                                                                                     |                                  |
| marginellus (Hald.) 47–47                                                                                                       |                                    | 69. wilti Horn 80–124                                                                                         | Tex.                             |
| tuberculatus (Fröl.) 32–12<br>44. albescens (Hald.) 47–46                                                                       | Mo.                                | 70. setipes Csy. 91–48<br>71. crassulus Lec. 73–235                                                           | Tex. (?N.J.)-L.Cal.              |
| asperatus (Hald.) 47–46                                                                                                         | 1,20                               | V11 012554145 2001 10 200                                                                                     | Tex.Ind.Fla.                     |
| 45. divisus Csy. 13–306                                                                                                         | Tex.                               | 72. centralis Lec. 84–24                                                                                      | Ariz.                            |
| 46. tæniatus Csy. 13–306                                                                                                        | Fla.                               | 73. decorus Fall 07–84                                                                                        | Ariz.                            |
| 47. argentatus Duv. 57–273<br>48. terræcolor Horn 80–122                                                                        | Cuba, So.Fla.<br>Fla.              | 74. dentatus Csy. 13–311<br>75. punctatus (Hald.) 47–49                                                       | Ill.<br>D.C.Ind.N.J.             |
| transversatus ‡ Lec.78–41                                                                                                       |                                    | voi panotavas (11mai) 11 10                                                                                   | Wis.Fla.Conn.                    |
| 49. mutilus Csy. 13–307                                                                                                         | Fla.                               | 76. fascicularis (Harris) 36–68                                                                               | Ind.                             |
| 50. planidorsus Lec. 73–234                                                                                                     | MichFla.                           | rusticus Lec. 52–173<br>xanthoxyli Shimer 67–7                                                                | NV EL W:                         |
| 51. lecontei Csy. 13–305<br>52. nebulosus Horn 80–122                                                                           | Fla.<br>Nev. Wash.                 | 77. testaceus Csy. 13–312                                                                                     | N.Y.Fla.Wis.<br>D.C. [Ind.       |
| 53. arcuatus Lec. 78–414                                                                                                        | Fla.                               | 78. scapalis Csy. 13–312                                                                                      | Ind.                             |
| *                                                                                                                               |                                    | 79. vicinus (Hald.) 47–49                                                                                     | N.Y. N.J.                        |
| 54. collaris (Hald.) 47–46                                                                                                      | Ala. Conn. Fla.                    | 80. pleuralis Csy. 13–312<br>81. misellus Lec. 52–173                                                         | D.C.Del.                         |
| a. interruptus (Hald.) 47–48                                                                                                    | ${ m Fla.} \ { m Ky.} \ { m Fla.}$ | 82. timidus Csy. 13–313                                                                                       | Ind.<br>Pa.                      |
| 55. crescenticus Csy. 13–306 **                                                                                                 | ra.                                | 83. obscurellus Csy. 13–313                                                                                   | No.N.Y.                          |
| 56. albidus Lec. 52–168                                                                                                         | Ariz.                              | 84. cinereus Lec. 52–173                                                                                      | Fla.Ga.N.J.                      |
| 57. biustus Lec. 52–169                                                                                                         | Can. Fla. Tex.                     | 85. alpha (Say) 27–270                                                                                        | Mass.<br>Ind.Can.Fla.            |
| 58. minuens (Ham.) 96–123                                                                                                       | Fla.                               | lateralis (Hald.) 47–48                                                                                       | [Tex.                            |
| ***                                                                                                                             | G TU                               | ?divergens (Hald.) 47–48                                                                                      |                                  |
| 59. perplexus (Hald.) 47–46                                                                                                     | Ga. Fla.                           | a. floridanus Ham. 96–125                                                                                     | Fla.                             |
| Astylopsis Csy. 13-309                                                                                                          |                                    | 86. foveatocollis Ham. 96–125<br>87. moderator Csy. 13–314                                                    | D.C.                             |
| 14960. macula (Say) 26–269                                                                                                      | Can. Va. Wis.                      | 88. texanus Csy. 13–315                                                                                       | Tex.                             |
| sticticus (Hald.) 47–48<br>61. guttata (Say) 25–269                                                                             | [Ind.<br>Can.D.C.Wis.              | 89. houstoni Csy. 13–315                                                                                      | Tex.                             |
| sexguttata (Say Lec. ed. 32                                                                                                     |                                    | 90. mimeticus Csy. 91–48                                                                                      | Tex.                             |
| commixta (Hald.) 47–47                                                                                                          | [xiid:                             | Mecotetartus Bates 72-213                                                                                     |                                  |
| punctata (Hald.) 47–491                                                                                                         |                                    | (Eutessus Lec. 73–235)                                                                                        |                                  |
| 62. pini (Schffr.) 05–165                                                                                                       | Ariz.                              | 14991. antennatus Bates 72–213                                                                                | L.CalNic.                        |
| Astylidius Csy. 13–308                                                                                                          |                                    | asper (Lec.) 73–339                                                                                           |                                  |
| 14963. parvus (Lec.) 73–234                                                                                                     | Can.D.C.Kan.                       | Lepturgoides Schffr. 05-166                                                                                   |                                  |
|                                                                                                                                 | Fla.Tex.Ind.                       | 14992. pini Schffr. 05–166                                                                                    | Ariz.                            |
|                                                                                                                                 |                                    |                                                                                                               |                                  |

| Lepturges Bates 63–367 14993. canus Csy. 13–317 94. confluens (Hald.) 47–50 a. angulatus Lec. 52–172 95. symmetricus(Hald.)47–50 pictus Lec. 52–171 a. yucca Schffr. 05–167 96. megalops Ham. 96–127 97. regularis Lec. 62–39 98. signatus Lec. 52–171 99. tenebrosus Csy. 13–320 15000. celtis Schffr. 05–168 01. querci Fitch 58–796 | Tex. Atl. St. Tex. N.Y.Ont.Ind. [Ariz. Fla. Ariz. Fla. Ky.Ohio, Ind. Can.Fla.Ia. No.N.Y. [Ind. Tex. Can.Pa.Ohio, Wis.Ind. | Hyperplatys Hald. 47–49 15005. maculata Hald. 47–49 06. lentiginosa Csy. 13–325 07. montana Csy. 13–325 08. robustula Csy. 13–326 09. amnicola Csy. 13–326 10. delicata Csy. 13–327 11. nigrella Hald. 47–49 12. cryptica Csy. 13–327 13. variolata Csy. 13–328 14. frigida Csy. 13–328 15. binocularis Csy. 13–328 16. aspersa (Say) 23–330 | Pa.Ariz.Ct. R.I. [Ind. Colo. Ind. Ia. R.I. Pa. Ind. D.C. N.Y. Me. N.Y. Ind.N.Y. Ct. CanWisFla. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 02. tristis Csy. 13–321<br>03. facetus (Say) 27–221                                                                                                                                                                                                                                                                                    | Pa.<br>Mass.Wis.<br>W.Va. Ind.                                                                                            | 17. vigilans Csy. 13–329<br>18. femoralis Hald. 47–49<br>19. californica Csy. 91–51                                                                                                                                                                                                                                                          | D.C.<br>Fla.<br>Cal.                                                                           |
| <b>Valenus</b> Csy. 91–50<br>15004. inornatus Csy. 91–50                                                                                                                                                                                                                                                                               | Tex.                                                                                                                      | Ceratographis Gahan 87–300<br>15020. biguttatus (Lcc.) 52–172                                                                                                                                                                                                                                                                                | CanMich.<br>Pa. Ind.                                                                           |
|                                                                                                                                                                                                                                                                                                                                        | Graphi                                                                                                                    | SURINI                                                                                                                                                                                                                                                                                                                                       |                                                                                                |
| <b>Urographis</b> Horn 80–128<br>15021. fasciata (DeG.) 75–414                                                                                                                                                                                                                                                                         | MeCan.Wis.<br>Fla. Ind.                                                                                                   | Graphisurus Khy.<br>15028. obliquus Lec. 62–39                                                                                                                                                                                                                                                                                               | So.Cal.Ariz.<br>Ut. Cal.                                                                       |
| despecta Lec. 50–234<br>mixtus (Fab.) 98–144<br>a. reducta Csy. 13–333<br>22. hebes Csy. 13–333                                                                                                                                                                                                                                        | N.Y.<br>Ia. N.Y.                                                                                                          | a. sedulus Csy. 13–337<br>29. pacificus Csy. 13–338<br>30. angulosus Csy. 13–338                                                                                                                                                                                                                                                             | N.Mex.<br>No.Cal.<br>N.Mex.                                                                    |
| 23. triangulifera(Hald.)47–45                                                                                                                                                                                                                                                                                                          |                                                                                                                           | (Canonura Csy. 13–335)<br>31. spectabilis (Lec.) 54–82<br>32. princeps (Walker) 66–331                                                                                                                                                                                                                                                       | Vanc. Nev.<br>Ariz. So.Cal.<br>VancNo.Cal.                                                     |
| Graphisurus Kby. 37–169 (Acanthocinus auct.) (Ædilis ‡ auct.)                                                                                                                                                                                                                                                                          |                                                                                                                           | 33. vinctus Csy. 13–340<br>( <i>Tylocerina</i> Csy. 13–335)                                                                                                                                                                                                                                                                                  | No.Cal.                                                                                        |
| (Graphisurus s. str.)<br>15024. obsoletus (Oliv.) 95–130<br>25. floridanus Csy. 13–336<br>26. pusillus Kby. 37–169                                                                                                                                                                                                                     | Can.Wis.Fla.<br>Fla.<br>MeNo.N.Y.                                                                                         | 34. nodosus (Fab.) 75–164<br>bifidator (Fab.) 01–286<br>35. laticollis Csy. 13–341                                                                                                                                                                                                                                                           | N.J. Fla.<br>N.C.                                                                              |
| 27. acomanus Csy. 13–337                                                                                                                                                                                                                                                                                                               | N.Mex.                                                                                                                    | 36. linearis Skinner 05–290                                                                                                                                                                                                                                                                                                                  | So.Ariz.                                                                                       |
|                                                                                                                                                                                                                                                                                                                                        |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
|                                                                                                                                                                                                                                                                                                                                        | DEC                                                                                                                       | ΓINI                                                                                                                                                                                                                                                                                                                                         |                                                                                                |
| <b>Dectes</b> Lec. 52–144                                                                                                                                                                                                                                                                                                              |                                                                                                                           | Dectes Lec.                                                                                                                                                                                                                                                                                                                                  |                                                                                                |
| 38. texanus Lec. 62–39<br>39. alticola Csy. 13–342                                                                                                                                                                                                                                                                                     | MassLa.<br>Colo.L.Cal.?<br>Ind.<br>Tex.<br>MontN.Mex.                                                                     | 15040. thoracicus Csy. 13–342<br>41. brevis Csy. 13–342<br>42. latitarsis Csy. 13–342<br>43. brevisetosus Csy. 13–343<br>44. discolor Csy. 13–343                                                                                                                                                                                            | Ariz.<br>L.I. N.C.<br>Tex.<br>Ariz.<br>Ariz.                                                   |
|                                                                                                                                                                                                                                                                                                                                        |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
|                                                                                                                                                                                                                                                                                                                                        | Pogonoo                                                                                                                   |                                                                                                                                                                                                                                                                                                                                              |                                                                                                |
| Estolæ  Estolæ Fairm. 59–524  15045. sordida Lec. 73–237  46. tigrina (Skinner) 05–291  Hoplosiæ                                                                                                                                                                                                                                       | L.Cal.<br>Ariz.                                                                                                           | Pogonocherus Latr.<br>15055. pictus Fall 10–6<br>cmarginatus Csy. 13–347<br>56. mixtus Hald. 47–50                                                                                                                                                                                                                                           | Colo. N.Mex.<br>Colo.<br>Can. Me<br>MontAriz.                                                  |
| Hoplosia Muls. 63–300<br>15047. nubila (Lec.) 62–39<br>Pogonocheri                                                                                                                                                                                                                                                                     | Can. N.Y. Ill.                                                                                                            | 57. fastigiatus Csy. 13–348<br>58. simplex Lec. 73–237<br>59. concolor Schffr. 09–101                                                                                                                                                                                                                                                        | Ind.<br>Mont.                                                                                  |
| Pogonocherus Latr. 29–124<br>15048. crinitus Lec. 73–237<br>49. penicellatus Lec. 50–234<br>50. propinquus Fall 10–6<br>51. carinatus Csy. 13–346<br>52. arizonicus Schffr. 08–346                                                                                                                                                     | Vanc. So.Cal.<br>MeL.Sup.<br>So.Cal.<br>Colo.<br>Ariz.                                                                    | 60. alaskanus Schffr. 09–385 61. oregonus Lec. 61–254 62. negundo Schffr. 05–164 63. obscurus Fall 10–5 64. californicus Schffr. 08–347 (Lophopæum ‡ Cr. 73–81                                                                                                                                                                               | Alaska<br>Or. Cal. Idaho<br>Ariz.<br>Ariz.<br>Cal.                                             |
| 53. parvulus Lec. 52–160                                                                                                                                                                                                                                                                                                               | 1112.                                                                                                                     | 65. volitans (Lec.) 73–232                                                                                                                                                                                                                                                                                                                   | L.Cal.                                                                                         |
| 54. salicicola Csy. 13–347                                                                                                                                                                                                                                                                                                             | Mass.                                                                                                                     | — fasciculatus (DeG.) 75–71                                                                                                                                                                                                                                                                                                                  | † Greenland                                                                                    |

| Ecyrus Lec. 52–160 15066. fasciatus Ham. 96–137 67. dasycerus (Say) 26–270  obscurus (Hald.) 47–50 a. texanus Schffr. 08–347 68. exiguus Lec. 52–160  Eupogonii Eupogonius Lec. 52–159 15069. tomentosus (Hald.) 47–50 pinivora Fitch 57–26 70. vestitus (Say) 27–273  pauper Lec. 52–159 | CanAla.Tex.<br>Ind. Fla.                                 | Eupogonius Lec. 15072. subarmatus (Lec.) 59-22 73. fraxini Knull 18-132 74. fulvovestitus Schffr.05-13  Lypsimena Lec. 52-155 15075. fuscata Lec. 52-155 76. californica Horn 85-194  Zaploi  Pygmæopsis Schffr. 08-347 15077. viticola Schffr. 08-348  Zaplous Lec. 78-415 | N.YFla.<br>So.Cal. [Cuba             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 71. pubescens Lec. 73–236                                                                                                                                                                                                                                                                 | Ohio, Ill.                                               | 15078. hubbardi Lec. 78–415                                                                                                                                                                                                                                                 | Fla.                                 |
|                                                                                                                                                                                                                                                                                           | DESMIP                                                   |                                                                                                                                                                                                                                                                             |                                      |
| <b>Desmiphora</b> Serv. 35–62<br>15079. mexicana Thoms. 60–75                                                                                                                                                                                                                             | Mex.(Tex.?)                                              | Desmiphora Serv.<br>15080. intricata Csy. 13–350<br>?hirticollis (Oliv.) 95–68                                                                                                                                                                                              | Tex.<br>Brazil                       |
|                                                                                                                                                                                                                                                                                           | Oncid                                                    | ERINI                                                                                                                                                                                                                                                                       | •                                    |
| Lochmæocles Bates 80–124<br>15081. marmoratus Csy. 13–351<br>?tessellatus (Thoms.) 67–9<br>Oncideres Serv. 35–67                                                                                                                                                                          | So.Am.                                                   | Oncideres Serv.<br>15088. cingulatus (Say) 27–272<br>a. pallescens Csy. 13–353<br>89. præcidens Csy. 13–354                                                                                                                                                                 | Pa.ConnFla.<br>N.Y.<br>N.C.          |
| 15082. pustulatus Lec. 54–82 83. cornuticeps Schffr. 06–20 84. trinodatus Csy. 13–352 ?putator Thoms. 67–81 85. quercus Skinner 05–291 86. texanus Horn 85–195 87. subtropicus Csy. 13–353                                                                                                | Tex. (Laredo) Tex. Tex. Ariz. Ariz. Ariz. Tex. Kan. Tex. | Taricanus Thoms. 67–73 15090. truqui Thoms. 67–74  Probatius Thoms. 60–17 15091. umbraticus(Duval)57–272 umbratilis ‡ auct.                                                                                                                                                 | Tex. Mex.                            |
|                                                                                                                                                                                                                                                                                           | Атах                                                     | KIINI                                                                                                                                                                                                                                                                       |                                      |
| Aporataxia Ham. 96–142<br>15092. lineata Ham. 96–142<br>Ataxia Hald. 47–56<br>15093. spinicauda Schffr. 04–224<br>94. sulcata Fall 07–84                                                                                                                                                  | Tex. So.Fla. Fla.                                        | Ataxia Hald. 15095. crypta (Say) 32–6 sordida Hald. 47–56 96. setulosa Fall 07–84 97. tibialis Schffr. 08–348                                                                                                                                                               | Pa N.Mex.<br>[Fla.<br>L.Cal.<br>Tex. |
|                                                                                                                                                                                                                                                                                           | Нірро                                                    | PSINI                                                                                                                                                                                                                                                                       |                                      |
| Hippopsis Serv. 25–336<br>15098. lemniscata (Fab.) 01–330<br>lineola Serv. 25–336<br>Dorcasta Pascoe 58–264<br>(Aegilopsis Horn 60–571)                                                                                                                                                   | N.YFla.Tex.<br>[Ind.                                     | Spalacopsis Newn. 42–303<br>(Euthuorus Duv. 57–276)<br>15102. costulata Csy. 13–355<br>?filum (Guér.).30–247<br>03. scapalis Csy. 13–355                                                                                                                                    | Fla.<br>Fla.                         |
| 15099. cincrea (Horn) 60–571  Sicyobius Horn 80–137 15100. brousi Horn 80–137                                                                                                                                                                                                             | Tex. W.Kan. Tex.                                         | (Spalacopsis s.str.)<br>04. suturalis Ham. 96–145<br>05. suffusa Newn. 40–305<br>06. texana Csy. 91–51                                                                                                                                                                      | So.Fla.<br>Fla.<br>Tex.              |
| Parmenonta Thoms. 67–157<br>15101. wickhami Schffr. 08–350                                                                                                                                                                                                                                | Tex.                                                     | 07. stolata Newn. 40-305<br>?linum ‡ Ham. 96-145<br>08. pertenuis Csy. 13-357                                                                                                                                                                                               | Fla. Cuba<br>Fla.                    |
|                                                                                                                                                                                                                                                                                           | Saper                                                    | RDINI                                                                                                                                                                                                                                                                       |                                      |
|                                                                                                                                                                                                                                                                                           | Felt & J                                                 | Toutel 04                                                                                                                                                                                                                                                                   |                                      |
| <b>Saperda</b> Fab. 75–184<br>15109. obliqua Say 27–274                                                                                                                                                                                                                                   | Can. Wis. Mo.                                            | Saperda Fab.<br>15112. candida Fab. 87–147<br>bivittata Say 23–409                                                                                                                                                                                                          | McMich.Ala.                          |
| 10. mutica Say 23-409 11. horni Joutel 02-33                                                                                                                                                                                                                                              | CanKan.<br>N.Y. Ind.<br>No.CalWash.                      | 13. calcarata Say 23-408 a. adspersa Lec. 50-234                                                                                                                                                                                                                            | MassVanc.<br>Tex. Ind.<br>L.Sup.     |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 285                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Saperda Fab. 15114. tridentata Oliv. 95–30 dubiosa Hald. 47–45 a. trifasciata Csy. 13–359 15. cretata Newn. 38–395  16. discoidea Fab. 98–147 fuscipes Say 27–273 Q dorsalis Hald. 47–56 17. vestita Say 24–290 atkinsoni Curtis 28–275 18. imitans Felt & Joutel 04–58  19. lateralis Fab. 75–185                                                                                                                                                                                                                                                                                                                                                             | R.IWisTex. [Ind. Ind. MassWis. Tex. N.Y.MichLa. [Ind. Conn. Mass.WisPa. [Ind. Mass.WisPa. Ind. Mass.WisVa. Ind. | Saperda Fab. a. connecta Felt & Joutel 04  15120. fayi Bland 63-320 21. puncticollis Say 23-406 trigeminata Rand. 38-43 22. populnea (L.) 66-1047  a. mœsta Lec. 50-234 b. tulari Felt & Joutel 04-70  23. concolor Lec. 52-163 a. unicolor Felt & Joutel 04-7 b. mecasoides Csy. 13-359                                                                                                                                                                                                                                                                                                                                                                    | WisKan. Mass. N.Y. N.YOPa. CanArkLa. Mass. Eur. & Wash So. & No.Cal. CanWy. Pa. Cal. Wash. Ariz. N.Mex. Ariz.                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Рнуто                                                                                                           | DECIINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                               |
| Mecas Lec. 52–155 15124. cana (Newn.) 40–12 25. saturnina Lec. 59–21 26. inornata (Say) 23–407 ?cinerea (Newn.) 40–13 ?senescens Bates 84–86 27. cineracea Csy. 13–361 28. marginella Lec. 73–239  29. pergrata (Say) 23–408 gentilis Lec. 52–154 30. brevicollis Csy. 13–362 31. ruficollis Horn 78–44 32. femoralis (Hald.) 47–59  Oberea Muls. 39–194 15133. quadricallosa Lec. 74–68 34. schaumi Lec. 52–153 wapleri Chev. 52–420 35. pruinosa Csy. 13–365 36. ferruginea Csy. 13–366 37. pallida Csy. 13–366 38. tripunctata (Swed.) 87–19 mandarina (Fab.) 01–321 amabilis Hald. 47–57 ?myops Hald. 47–57 ?nyops Hald. 47–57 ?oculaticollis (Say) 23–406 | ♂ [Mex. Ind.<br>No.Ga.                                                                                          | Oberea Muls.  a. intermedia Csy. 13–367 b. appalachiana Csy. 13–367 15139. prælonga Csy. 13–368 40. exilis Csy. 13–368 41. delicatula Csy. 13–368 42. perspicillata Hald. 47–57 43. montana Csy. 13–369 44. filum Csy. 13–369 45. basalis Lec. 52–153 46. iowensis Csy. 13–370 47. insignis Csy. 13–370 48. bimaculata (Oliv.) 95–21 tripunctata ‡ (Fab.) 98–31 ?affinis Harris 42–91 ?texana Horn 78–47 49. flavipes Hald. 47–57 50. umbra Csy. 14–370 51. dolosa Csy. 13–371 52. ocellata Hald. 47–57 a. plagiata Csy. 13–371 53. ruficollis (Fab.) 75–311 plumbea (Oliv.) 95–21 ?tibialis Hald. 47–57 femoralis ‡ Lec. 52–153 54. gracilis (Fab.) 01–324 | Ind. Ill. Miss. N.C. No.N.Y. Pa. D.C. N.C. Utah, Idaho Pa. Ga. N.C. Fla. Ia. No.Ill. N.C. Pa. Conn. Ind. Id. Md. N.C. N.C. N.C. N.Y. Fla. Tex. Conn. Ind. N.C. MassGa. [Kan. Ind. Pa. N.YFla. |

| TETRAOPINI                    |              |        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|-------------------------------|--------------|--------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Tetrops Steph. 39-269         |              | Tetrac | pes Serv.                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| ( <i>Phæa</i> Newn. 40–13)    |              |        | omissus Csy. 13–377       | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| ( <i>Oberopa</i> Hald. 47–57  |              | 67.    | vestitus Csy. 13–378      | Colo.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| 15155. canescens Lec. 52–157  | N.J. Kan.    | 68.    | canescens Lec. 52–157     | Kan. Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                               | N.Mex.       |        | annulatus    Lec. 47–93   | [N.Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                               | M.St.Neb.Pa. |        | fontinalis Csy. 13–378    | N.Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                               | Ind.         |        | uteanus Csy. 13–378       | Utah                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 58. monostigma (Hald.) 47–57  | Pa. Ind.     | 70.    | tetrophthalmus (Forst.) 7 | and the same of th |  |
|                               |              |        | (T) 1 ) 00-               | Conn. Ind.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Tetraopes Serv. 35–68         |              |        | tornator (Fab.) 75–287    | Can.S.C.Kan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| 15159. discoideus Lec. 58–26  | TexIdaho     |        | iowensis Csy. 13–386      | Ia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| ?rubrocinereus Thoms. 60-     |              |        | humeralis Csy. 13–379     | Dak.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                               | N.Mex.       |        | junctus Csy. 13–380       | Colo.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 61. nanulus Csy. 13–376       |              |        | velutinus Csy. 13–380     | Kan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 62. canteriator (Drap.) 19–47 |              |        | robustus Csy. 13–381      | Colo?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| arator (Germ.) 24–486         | [Ind.        |        | brevisetosus Csy. 13–381  | Kan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 13-punctatus (Drap.) 19-4     |              |        | sublaevis Csy. 13–382     | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 63. elegans Horn 94–401       | L.Cal.       |        | obsoletus Csy. 13–382     | No.Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| 64. quinquemaculatus Hald. 4  |              |        | coccineus Csy. 13–382     | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| TY =0.10                      | N.Mex. Ind.  |        | sandix Csy. 14–370        | So.Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| a. texanus Horn 78–49         | Tex.         |        | punctipennis Csy. 13–383  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 65. mancus Lec. 59–81         | Cal. Nev.    | 81.    | atrisetosus Csy. 13–383   | N.Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                               |              |        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

| Tetraopes Serv.<br>15182. femoratus Lec. 47-93                                                           | Ill. Cal. Ariz.<br>So.Cal. Ind.      | Tetraopes Serv. 15184. ruber Csy. 13–384 Ariz. 85. spissicornis Csy. 13–384 Ariz.                             |
|----------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------|
| a. amnicola Csy. 13–383<br>b. monticola Csy. 13–384<br>?basalis Lec. 52–157                              | Ia.<br>Utah                          | Amphionycha Lec. 52–154 15186. flammata (Newn.) 40–13 N.Y.Fla.Kan.                                            |
| ?oregonensis Lec. 69–81                                                                                  | WashAriz.                            | marginata ‡ (Hald.) 46–373 [Ind.                                                                              |
| ?texanus Horn 78–49<br>83. collaris Horn 78–49<br>vegasensis Csy. 13–380                                 | Colo. N.Mex.<br>N.Mex.               | ardens Lec. 59–22 Fla.<br>87: amoena Ham. 96–161 Tex.<br>88: suturalis Linell 96–398 Tex.                     |
|                                                                                                          |                                      |                                                                                                               |
| ,                                                                                                        | CHRYSO                               | MELIDÆ                                                                                                        |
| · ·                                                                                                      | SAGR                                 | CINÆ (                                                                                                        |
|                                                                                                          | Clavare                              |                                                                                                               |
| <b>Aulacoscelis</b> Chev. 43–338<br>15189. femorata Jac. 88–5<br>90. högei Jac. 88–3                     | Mex. Ariz.<br>Mex. (Vanc.?)          | Aulacoscelis Chev. 15191. purpurea Horn 92–46 So.Cal. N.Mex. Ariz.                                            |
|                                                                                                          |                                      | 92. candezei Chap. 74–55 Mex. (U.S.?)                                                                         |
|                                                                                                          | DONAC                                | CIINÆ                                                                                                         |
|                                                                                                          | Leng 91; C                           | Slavareau 13                                                                                                  |
| Haemonia Latr. 29–136                                                                                    |                                      | Donacia Fab.<br>aenea    Ahr. 10–21 Colo. Pa.                                                                 |
| (Macroplaa Sam. ined.)<br>15193. nigricornis Kby. 37–222<br>americana Guér. 44–259<br>flohri Jac. 84–126 | U.S. Mex.Ind.                        | aerea Lac. 45–148<br>confluens Lec. 51–312<br>confluenta Say 27–293                                           |
| melsheimeri Lac. 45–211                                                                                  |                                      | fulgens Lec. 50–236<br>quadricollis Say 27–282                                                                |
| <b>Donacia</b> Fab. 75–195<br>15194. hirticollis Kby. 37–226<br>rudicollis Lac. 45–108                   | Cal.Can.N.Y.                         | 15204. curticollis Knab 06–122 Ill. Ind.<br>05. megalocera Weise 13–18 Ind.<br>megacornis    Blatch. 10–1103  |
| 95. pubicollis Suffr. 72–21<br>96. pubescens Lec. 67–55                                                  | Ill. Ind.<br>Can. Mich. Ill.<br>Ind. | 06. rugosa Lec. 78–415 FlaMass. Ind. 07. porosicollis Lac. 45–150 Mich. Pa.                                   |
| * 07 Aprilar Long 01 166                                                                                 | FlaN.J.                              | ***                                                                                                           |
| 97. floridæ Leng 91–166<br>98. proxima Kby. 37–225<br>episcopalis Lac. 45–105                            | Cal.Can.N.H.<br>[Ind. Nfld.          | 08. harrisi Lec. 51–316 Mass. N.Y. Ind.  (Plateumaris Thoms. 66–121)                                          |
| quadricollis var. Say 27–2<br>californica Lec. 61–357<br>a. cincticornis Newn. 38–391                    |                                      | 15209. æqualis Say 23–428 Can. Ga. Ia. confusa Lac. 45–109 [Ind. pallipes Lac. 45–109                         |
| lucida Lac. 45–106                                                                                       | Tex.Ind.(Fla.)                       | 10. tuberculata Lac. 45–155 MassD.C. rutila Melsh. 47–159                                                     |
| pulchella Lec. 51–312<br>rufipennis Lac. 45–110                                                          |                                      | 11. distincta Lec. 50–236 MassWis.                                                                            |
| b. magnifica Lec. 50–236                                                                                 | L.Sup. H.B.T.                        | æqualis ‡ Kby. 37–227 [Ind. 12. torosa Lec. 51–313 MassIa.                                                    |
| 99. palmata Oliv. 95–8<br>claudicans Germ. 21–173                                                        | Can. Wis. Pa. [Ind.                  | 13. pusilla Say 27–293 MassVanc.<br>aurifera Lec. 50–237 [Nfld.<br>cataractæ Newn. 38–391                     |
| militaris Lac. 45–115<br>assimilis Lac. 45–153<br>vicina Lac. 45–154                                     |                                      | cuprea Kby. 37–225<br>dives Lec. 51–314<br>fulvipes Lac. 45–192                                               |
| cœrulea Oliv. 95–10<br>15200. hypoleuca Lac. 45–101                                                      | La. Tex. Fla.                        | a. pyritosa Lec. 57–66 Cal. Nfld.<br>14. femoralis Kby. 37–223 CanVanc.                                       |
| texana Cr. 73-22<br>01. rufescens Lac. 45-112                                                            | (Fla.?) Mass                         | flavipennis Mann. 43–306                                                                                      |
| 02. piscatrix Lac. 45–113<br>alutacea Lec. 51–311                                                        | N.J. Ind.<br>N.Y. Fla. Cal.<br>[Ind. | germari Mann. 43–306<br>indica Melsh. 47–158<br>15. metallica Ahr. 10–33 Mass. Fla. Ill.                      |
| carolina Lac. 45–114<br>congener Lec. 51–310                                                             |                                      | gentilis Lec. 51–314 [Ind. nana Melsh. 47–160                                                                 |
| **<br>03. subtilis Kunze 18–14                                                                           | N.H. Can.<br>Dak. Ind.               | 16. emarginata Kby. 37–224 Mass.Vanc.Pa.<br>aurichalcea Melsh. 47–159 [Nfld. Ind.<br>biimpressa Melsh. 47–151 |

| Donacia Fab.                                                                                                                    |                       | Donacia Fab.                                                                                                                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------|
| junci Couper 64–88 rugifrons Newn. 38–391 15217. flavipes Kby. 37–223 chalcea Lac. 45–188 jucunda Lec. 50–237 parva Lac. 45–190 | Can.Mich.Pa.<br>[Ind. | 15218. rufa Say 27–283 affinis Kby. 37–224 kirbyi Lac. 45–202 metallica ‡ Say 27–283 sulcicollis Lac. 45–186 — nitida Germ. 11–31 | Can. Mass. O. [Ind. |
| •                                                                                                                               |                       |                                                                                                                                   |                     |

# **ORSODACNINÆ**

Horn 92; Clavareau 13

| Orsodacne Latr. 02–223                             |                              | Syneta Lac.                                      |                  |
|----------------------------------------------------|------------------------------|--------------------------------------------------|------------------|
| 15219. atra (Ahr.) 10-46                           | N.EngVanc.<br>Ind. N.C.Colo. | 15224. albida Lec. 57–66<br>suturalis Lec. 59–90 | OrCal.           |
| a. childreni Kby. 37–221                           | Can. [Ariz.                  | seriata Lec. 59–90                               |                  |
| b. hepatica Say 27–281                             | Miss. Ind.                   | (Thricolema Cr. 74-79)                           |                  |
| ruficollis Newn. 38–392                            |                              | 25. anomala Cr. 74–79                            | Cal.             |
| c. luctuosa Lac. 45–72                             | Or.                          | 201 01101101101101111111111111111111111          |                  |
| d. tibialis Kby. 37–221<br>inconstans Newn. 38–391 | Can. L. Sup.                 | Zeugophora Kunze 18-71                           |                  |
| e. trivittata Lac. 45–71                           | Ind.                         | (Taraxis Lec. 50–237)                            | T. C 3371.       |
| tricolor Melsh. 47–60                              | 1114                         | 15226. abnormis (Lec.) 50–237                    | L.SupWash.       |
| f. vittata Say 23–430                              | Ind. Conn.                   | 27. kirbyi Baly 64–183                           | N.Mex.<br>W.N.Y. |
| armeniacæ Germ. 23–526                             |                              | 28. reineckei Grote 79–5                         | N.Y.             |
| urmom.uoto 0 0 m. 20 0 20                          |                              | 29. scutellaris Suffr. 40–99                     | Eur. & Sib. Ill. |
| <b>Syneta</b> Lac. 45–266                          |                              | 29. Scutenaris Sunr. 40–99                       | Or. Mich. Ind.   |
| 15220. carinata (Mann.) 43–307                     | Alas. Id. Ut.                |                                                  | N.Mex.           |
| 21. simplex Lec. 57–66                             | Or. Wash.                    | 30. consanguinea Cr. 73-23                       | No.Ill. Ind.     |
| 22. hamata Horn 93-133                             | Alas. No.Cal.                | 50. Consangumea Cr. 75–25                        | Conn.            |
| 23. ferruginea (Germ.) 11-34                       |                              | 31. californica Cr. 74–78                        | OrSo.Cal.        |
| tripla Say 27–281                                  | [Mich. Ind.                  | 32. puberula Cr. 73–23                           | Mass. Ill.       |
| costata Newn. 38-391                               |                              | 33. varians Cr. 73–27                            | PaWash.Ind.      |
| rubicunda Lac. 45-230                              |                              | 00. Varians 01. 10-21                            | rawasn.ind.      |

# CRIOCERINÆ

# Clavareau 13

| Ciavalcau 19                                                  |                                    |     |                                                                            |                             |
|---------------------------------------------------------------|------------------------------------|-----|----------------------------------------------------------------------------|-----------------------------|
| <b>Crioceris</b> Geoff. 62–237<br>15234. asparagi (L.) 58–376 | †Eur.& L.I.<br>Va. O. Conn.        |     | Fab.<br>confusa Chev. 35–166<br>lebioides Linell 98–474                    | Cuba, Mex.<br>Tex. [Fla.    |
| 35. duodecimpunctata (L.) 58-                                 | -376<br>†Eur.Md.D.C.<br>N.J. Conn. | 53. | trilineata (Oliv.) 08–739<br>lecontei Clark 66–31<br>trivirgata Lec. 59–22 | Cuba, Mex.<br>Conn.Fla.Ind. |
| <b>Lema</b> Fab. 98–90                                        |                                    |     | trivittata Say 24–429                                                      |                             |
| 15236. cornuta Fab. 01–475                                    | U.S. Mex. Fla.                     | a.  | immaculicollis Chev. 35-11                                                 | 12                          |
| 37. concolor Lec. 85–24                                       | N.Mex.                             | 54. | flavida Horn 94–405                                                        | L.Cal.                      |
| 38. texana Cr. 73–24                                          | Tex. Fla.                          | 55. | nigrovittata Guér. 29–262                                                  | Mex. So.Cal.                |
| 39. brunnicollis Lac. 45–391                                  | Ind.Fla.Conn.                      |     |                                                                            | Ariz.                       |
| 40. palustris Blatch. 13–22                                   | Ind.                               | 56. | sexpunctata Oliv. 08–738                                                   | N.Am. Mex.                  |
| 41. coloradensis Linell 98-475                                |                                    |     | sexmaculata Germ. 23-526                                                   |                             |
| 42. maculicollis Lac. 45–392                                  | N.Am. Fla.                         | a.  | albini Lac. 45–492                                                         | Ind. Fla.                   |
| 43. collaris Say 24–430                                       | Mo. Ind. Fla.                      | b.  | ephippium Lac. 45–483                                                      | Fla.                        |
| 44. longipennis Linell 98–474                                 | Colo.                              | 57. | æmula Horn 94–406                                                          | L.Cal.                      |
| 45. peninsulæ Cr. 73–24                                       | Cal.                               | 58. | jacobina Linell 98–474                                                     | Tex.                        |
| 46. solani Fab. 98–93                                         | N.Am. Fla.                         | 59. | sayi Cr. 73–25                                                             | So.St. Ind.                 |
| 47. omogera Horn 94–405                                       | L.Cal.                             |     | ornata Grav. 07-138                                                        | N.Am.                       |
| 48. circumvittata Clark 66-41                                 | . Fla.                             | -   | melanocephala Say 27-294                                                   | N.Am.                       |
| 49. balteata Lec. 85–24                                       | Ariz.                              | _   | pubipes Clark 66–52                                                        | Tex.                        |
| 50. conjuncta Lac. 45-408                                     | Tex. Ark.                          |     |                                                                            |                             |
|                                                               | N.Am.                              |     |                                                                            |                             |

## MEGASCELINÆ

Clavareau 13

Megascelis Latr. 29–138 15260. texana Linell 98–473 Tex.

† Introduced.

# CLYTRINÆ

| Clytrini                                                                                                                                                                                                                                                                                                      |                                                                       |                                                                                                                                                                                                                                                                        |                                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                                               | Clavare                                                               | eau 13                                                                                                                                                                                                                                                                 |                                                                           |  |
| Antinus DoG 78-650                                                                                                                                                                                                                                                                                            |                                                                       | Antipus DeG.                                                                                                                                                                                                                                                           |                                                                           |  |
| Antipus DeG. 78–659 (Anomwa Lac. 48–130) 15261. hoegei Jac. 88–66 62. laticlavia (Forst.) 71–27 ephippium (Germ.) 23–54                                                                                                                                                                                       | Mex. Tex.<br>U.SSo.Am.<br>Ind.<br>8 Q .<br>ConnFla.                   | mutabilis (Lac.) 48–137<br>nigripes (Fab.) 76–221 &<br>obsita (Fab.) 75–106<br>?ruficauda Foersb. 21–261<br>15263. militaris Lec. 58–83                                                                                                                                | Tex.                                                                      |  |
|                                                                                                                                                                                                                                                                                                               | Megalo<br>Hori                                                        |                                                                                                                                                                                                                                                                        |                                                                           |  |
| Megalostomis Lac. 48–519                                                                                                                                                                                                                                                                                      | 11011                                                                 | Coscinoptera Lac.                                                                                                                                                                                                                                                      |                                                                           |  |
| (Minturnia Lac. 48–520)<br>15264. pyropyga Lac. 48–524<br>65. major (Cr.) 73–29<br>66. subfasciata (Lec.) 67–56                                                                                                                                                                                               | Mex.& Ariz.<br>Tex. Ariz.<br>Kan. Ariz.                               | 15272. schæfferi Clav. 07–88<br>tibialis    Schffr. 05–135<br>73. mucorea Lec. 58–83<br>74. ænescens Cr. 73–29                                                                                                                                                         | L.Cal. So.Cal. Ariz. Ga.                                                  |  |
| Coscinoptera Lac. 48-511                                                                                                                                                                                                                                                                                      |                                                                       | 75. æneipennis Lec. 58–26                                                                                                                                                                                                                                              | Tex.Ariz.Mex.<br>So.Cal.                                                  |  |
| A. 15267. dominicana (Fab.) 01–34  franciscana Lec. 59–22 dorsalis Lec. 74–25 68. seminuda Horn 92–13 69. vittigera Lec. 61–357 B. 70. axillaris Lec. 68–56 71. canella Lec. 74–25 bifaria Lec. 74–25                                                                                                         | N.EngFla. Mex. Ind. Kan. Ariz. Ariz. DakAriz.  ColoTex. So.Cal. Ariz. | Euryscopa Lac. 48–493<br>15276. lecontei Cr. 73–28<br>scapularis ‡ Lec. 58–41<br>longicollis Jac. 88–78<br>parvula Jac. 88–79<br>77. pusilla Horn 92–16<br>78. subnigra Schffr. 05–136<br>79. subtilis Horn 92–17<br>80. vittata Lec. 58–26<br>81. pilatei Lac. 48–504 | Tex.Ariz.Mex. [So.Cal. Ariz. Tex. L.Cal. So.Cal. Tex. Ariz. Tex. [So.Cal. |  |
|                                                                                                                                                                                                                                                                                                               | Bae                                                                   | BIINI                                                                                                                                                                                                                                                                  |                                                                           |  |
| Babia Lac. 48–424 15282. quadriguttata (Oliv.) 91–3  quadriforis (Newn.) 41–78 a. pulla Lac. 48–429 b. tetraspilota Lcc. 58–83 83. humeralis (Fab.) 01–37                                                                                                                                                     | Ariz. Ind.<br>Conn. So.Cal.                                           | Saxinis Lac. 15286. speculifera Horn 92–10 87. saucia Lec. 57–66 bisignata (Walk.) 66–333 a. propinqua Jac. 76–810 b. politula Horn 92–10 c. californica Schffr. 06–225 88. apicalis Lec. 85–25                                                                        | So.Cal.<br>So.CalVanc.<br>Cal.<br>Cal. So.Cal.<br>Cal.<br>So.Ariz.        |  |
| costalis (Försb.) 21–271  Urodera Lac. 48–449 15284. crucifera Lac. 48–454                                                                                                                                                                                                                                    | MexU.S.                                                               | 89. scutellaris Schffr. 06–222<br>90. sonorensis Jac. 89–88<br>91. horni Fall 09–165<br>92. omogera Lac. 48–482                                                                                                                                                        | Ariz.<br>Ariz.<br>L.Cal.<br>(So.Cal.?)<br>Vt. N.J. Ga.                    |  |
| Ischiopachys Lac. 48–468<br>15285. proteus Lac. 48–470                                                                                                                                                                                                                                                        | MexU.S.                                                               | a. sinuata Schffr. 06–225 93. subpubescens Schffr. 06–2                                                                                                                                                                                                                | Nev.Ariz.Ind.<br>Tex. Ariz.                                               |  |
| Saxinis Lac. 48-478                                                                                                                                                                                                                                                                                           |                                                                       | 94. knausi Schffr. 06–222                                                                                                                                                                                                                                              | Kan.                                                                      |  |
|                                                                                                                                                                                                                                                                                                               | CHLAM                                                                 | VDINÆ                                                                                                                                                                                                                                                                  |                                                                           |  |
| Li                                                                                                                                                                                                                                                                                                            |                                                                       | r 06; Clavarcau 13                                                                                                                                                                                                                                                     |                                                                           |  |
| Chlamys Knoch 01–122 15295. prosternalis Schffr. 06–227 96. memnonia Lac. 48–708 97. gibbosa (Fab.) 77–212 plicata (Fab.) 98–111 tuberosa Knoch 01–128 98. tuberculata Klug 24–122 99. cribripennis Lec. 78–614 15300. foveolata Knoch 01–130 affinis Klug 24–115 assimilis Klug 24–239 polycocca Lac. 48–704 | Tex. Ariz. Tex.  Conn.Fla.Tex. [Ind. Fla. Mich. Tex. Fla.             | Chlamys Knoch. 15302. texana Schffr. 06–227 03. huachucæ Schffr. 06–228 04. arizonensis Linell 98–476  Éxema Lac. 48–844 15305. gibber (Oliv.) 91–876 nodulosa (Blatch.) 13–22 06. conspersa (Mann.) 43–311 rugulosa (Mots.) 45–109                                    | Tex. Ariz. Ariz. Fla.La. Fla. AtlPac. Ind. Conn. Md. So.Cal.              |  |
| 01. maculipes Chev. 35–120                                                                                                                                                                                                                                                                                    | MexTex.                                                               | a. dispar Lac. 48–850                                                                                                                                                                                                                                                  | Ariz.                                                                     |  |

# **CRYPTOCEPHALINÆ**

# PACHYBRACHYNI

Fall 15

| Griburius Hald. 49–245<br>(Scolochrus Suffr. 52–104)   |                                         | Pachy | brachys Redt.                                      |                       |
|--------------------------------------------------------|-----------------------------------------|-------|----------------------------------------------------|-----------------------|
| 15307. larvatus (Newn.) 40–250                         | FlaMex.                                 | 15359 | crassus Bowd. 09–290                               | Heals Anice           |
| spadiceus (Suffr.) 52–131                              |                                         |       | longus Bowd. 09–313                                | Utah, Ariz.<br>Ariz.  |
| decoratus (Suffr.) 52–124                              |                                         |       | bullatus Fall 15–361                               | Ariz. Tex.            |
| 08. scutellaris (Fab.) 01–54                           | Ind.                                    |       | texanus Bowd. 09–316                               | Tex.                  |
| 09. equestris (Oliv.) 08–804                           | 0.                                      |       | uncinatus Fall 15–363                              | Ariz.                 |
| 10. montezuma (Suffr.) 52–116                          |                                         |       | pectoralis (Melsh.) 47-171                         | N.HGa. Ill.           |
| speciosus Lec. 67–56                                   | [L.Cal.                                 | 58.   | sobrinus (Hald.) 49–262                            | VtN.CArk.             |
| a. suffriani Jac. 80–60                                | Mex.                                    |       | pectoralis ‡ Suffr. 52–187                         | [Fla.                 |
| 11. lecontei Cr. 73–32                                 | Tex.                                    |       | ?oculatus Suffr. 52–178                            | T 1                   |
| Pachybrachys Redt. 45-118                              |                                         | 50    | sticticus Blatch. 10–1130                          | Ind.                  |
| (Chloropachys Rey 83–263                               | 3)                                      |       | contractifrons Fall 15–365<br>alacris Fall 15–366  | Ariz.<br>Ariz.        |
| (Pachystylus Rey 83–263)                               | •                                       |       | chaoticus Fall 15–367                              | Ariz.                 |
| 15312. pubescens (Oliv.) 08–820                        | ConnS.C.                                |       | peltatus Fall 15–367                               | L.Cal. Mex.           |
|                                                        | Ohio                                    |       | peninsularis Fall 15–368                           | L.Cal.                |
| morosus Hald. 49–260                                   | Ind. Fla.                               |       | turgidicollis Fall 15–369                          | Tex.                  |
| 13. hæmatodes Suffr. 52–150                            | Mex.Ariz.Tex.                           |       | illectus Fall 15–370                               | Fla.                  |
| 14 integratus Fall 15 297                              | Colo.                                   | 66.   | proximus Bowd. 09–313                              | Utah                  |
| 14. integratus Fall 15–327<br>15. connexus Fall 15–328 | Cal. Ariz.<br>Ariz.                     | 67.   | nunenmacheri Fall 15-372                           |                       |
| 16. vigilans Fall 15–329                               | L.Cal.                                  | eo    | ford: E-1117 979                                   | [So.Cal.              |
| 17. wickhami Bowd. 09–238                              | Ariz. L.Cal.                            |       | fortis Fall 15–373<br>femoratus (Oliv.) 08–810     | So.Ariz.              |
| 18. thoracicus Jac. 89-136                             | Mex. Ariz.                              | 09.   | sparsus (Newn.) 41–78                              | Conn.Fla.Tex.         |
| 19. analis Lec. 61–357                                 | Utah-L.Cal.                             | a.    | aquilonis Fall 15–375                              | Mass. Va.             |
| 20. desertus Fall 15–332                               | Cal. Ariz.                              |       | characteristicus Suffr. 52–                        |                       |
| 21. xanti Cr. 73–32                                    | Ariz. Tex. Ut.                          |       |                                                    | Fla.                  |
| 00 t Y 00 140                                          | So.Cal.                                 | 71.   | subfasciatus Lec. 48–173                           | Mass. La. Ind.        |
| 22. marmoratus Jac. 89–148                             | Tex.Ariz.Colo.                          |       | biguttatus Suffr. 52–167                           |                       |
| 23. donneri Cr. 74–78<br>24. uteanus Fall 15–335       | Cal. Wash.                              |       | impurus Suffr. 52–186                              | Ill. Neb. Tex.        |
| 25. brunneus Bowd. 09–238                              | Utah, N.Mex.<br>Tex. So.Cal.            |       | xanthias Suffr. 52–199                             | Tr                    |
| 20. bruillieus Dowd. 03-206                            | Tex. So.Cai.                            |       | umbrosus Fall 15–379<br>calidus Fall 15–379        | Kan.                  |
| 26. purus Fall 15–336                                  | Ariz. So.Cal.                           |       | brevicornis Fall 15–380                            | Tex. Ariz. Tex.       |
| 27. mellitus Bowd. 09–241                              | Tex. Cal.                               |       | prosopis Fall 15–381                               | So.Cal. Ariz.         |
| 28. xantholucens Fall 15–337                           | Tex. N.Mex.                             |       | wenzeli Fall 15–382                                | Tex. Ariz.            |
| 29. jacobyi Bowd. 09–240                               | Tex.Colo.Cal.                           |       | snowi Bowd. 09–290                                 | Ariz.                 |
| 30. densus Bowd. 09–242                                | Ariz. Cal.                              |       | turbidus Lec. 48–208                               | Kan. Tex.             |
| 31. immaculatus Jac. 89–148                            | Tex. Ariz.                              | 79.   | latithorax Clav. 13–100                            |                       |
| 32. insidiosus Fall 15–340                             | Ariz.                                   | 00    | laticollis    Jac. 89–72                           | Tex. Ariz.            |
| 33. marginipennis Bowd. 09–2                           | So.Cal.                                 |       | duryi Fall 15–385                                  | Tex.                  |
| 34. punctatus Bowd. 09–285                             | Cal.                                    |       | gracilipes Fall 15–386<br>confederatus Fall 15–387 | W.Tex.<br>ConnN.C.    |
| a. shasta Bowd. 10–56                                  | Cal.                                    |       | tybeensis Fall 15–388                              | Ga.                   |
| 35. convictus Fall 15–344                              | Cal.                                    |       | calcaratus Fall 14–389                             | Mich. La.             |
| 36. arizonensis Bowd. 09–286                           |                                         |       | cylindricus Bowd. 09-291                           | Ut. So.Cal.           |
| 37. lodingi Bowd. 09–243                               | N.C. Fla.                               |       | tumidus Bowd. 09–292                               | Ariz.                 |
| 38. placidus Fall 15–346                               | Ariz.                                   |       | notatus Bowd. 10–53                                | Ariz.                 |
| 39. livens Lec. 58–84                                  | Cal. (Ariz.?)                           | 88.   | caelatus Lec. 58–84                                | Ariz.Kan.Tex.         |
| 40. mercurialis Fall 15–347                            | Cal. Utah                               | 90    | hamicallia I as 20 909                             | So.Cal.               |
| 41. parvinotatus Fall 15–348<br>42. mitis Fall 15–349  | Colo. Kan.<br>Tex.                      |       | brevicollis Lec. 80–208<br>nubigenus Fall 15–394   | Tex. Mont.<br>So.Cal. |
| 43. coloradensis Bowd.09–242                           |                                         |       | punicus Fall 15–396                                | So.Cal.               |
| sevier Bowd. 09-315                                    | 112011011111111111111111111111111111111 |       | melanostictus Suffr.52–191                         |                       |
| 44. minor Bowd. 09–243                                 | TexCal.                                 |       | peccans Suffr. 52–192                              | N.BN.Mex.             |
| 45. nero Bowd. 09–315                                  | TexAriz.                                |       | signatifrons Mann. 43-311                          |                       |
| 46. petronius Fall 15–352                              | N.Mex. Ariz.                            | 95.   | signatus Bowd. 09–288                              | ArizTex.              |
| 47. tacitus Fall 15–353                                | Ariz.                                   |       | postfasciatus Fall 15–402                          | Kan.Tex.Ariz.         |
| 48. abdominalis(Say) 23-437                            | Ind.ManTex.                             |       | vacillatus Fall 15–403                             | Cal. Colo.            |
| rotundicollis Bowd. 09–31                              |                                         |       | badius Fall 15–404                                 | So.Cal.               |
| 49. diversus Fall 15–355<br>50. pusillus Bowd. 09–317  | Ill. Neb. Tex.<br>Tex. Ariz.            |       | quadratus Fall 15–405<br>mobilis Fall 15–406       | So.Cal. So.Cal.Tex.   |
| 51. macronychus Fall 15–358                            |                                         |       | delumbis Fall 15–407                               | Tex.                  |
| or mucrony on as I am 10 000                           |                                         | 0     | 101                                                | 2021                  |

| Pachyl | brachys Redt.               |                | Pachy      | brachys Redt.              |                 |
|--------|-----------------------------|----------------|------------|----------------------------|-----------------|
| 15402. | pluripunctatus Fall 15-408  | Cal.           | 15444.     | litigiosus Suffr. 52–217   | Ind. N.J. Fla.  |
|        | bajulus Suffr. 52–175       | Ariz.          | 45.        | virgatus Lec. 48–205       | Neb.Tex.Colo.   |
|        | nobilis Fall 15–409         | Ariz.          |            | dubiosus Lec. 48–206       | Tex. Fla.       |
|        | fuscipes Fall 15–410        | N.Mex.         |            | pawnee Fall 15–452         | Kan. Dak.       |
|        | purgatus Fall 15–411        | Ariz.          |            | vau Fall 15–453            | Tex.Colo.Ariz.  |
|        | sanrita Bowd. 09–289        | Ariz.          |            | imperfectus Fall 15–454    | Tex.            |
|        | atomarius (Melsh.) 47–170   |                |            | umbraculatus Suffr. 52–213 |                 |
| 01.    | infaustus Hald. 49–262      | Conn. Fla.     | 10.        | ambiaediatus Suiii. O2 210 | Ariz. Tex.      |
|        | atomus Bowd. 09–319         | Kan. Pa.       | 50         | pallidipennis Suffr.58-406 | Kan. Tex. Fla.  |
| 06     |                             |                | 00.        |                            | Tex.Kan.Colo.   |
|        | vestigialis Fall 15-415     | Kan.Miss.Tex.  | E 1        | striatus Lec. 80–205       |                 |
|        | obfuscatus Fall 15–416      | N.C. Ga.       | 31.        | othonus (Say) 25–28        | Ind. Atl. Colo. |
|        | stygicus Fall 15–416        | Fla. Ala.      | <b>F</b> 0 | marginaticollis Rand 38-4  |                 |
| 11.    | lachrymosus Fall 15–417     | Ariz.          | 52.        | præclarus Weise 13–219     | Ind. S.Dak.     |
|        | cephalicus Fall 15–418      | GaLa.          | -0         | elegans    Blatch. 10-1127 | 70 T T T        |
|        | dixianus Fall 15–419        | Ala. Miss.     | 53.        | autolycus Fall 15–458      | MeWash.         |
|        | parvus Fall 15–419          | MassAla.       |            | 1100 111 77 11             | Ariz.           |
|        | roboris Fall 15–420         | E.U.S.         | a.         | difficilis Fall 15–459     | Me. Mich.       |
|        | spumarius Suffr. 52–179     | N.C. Ala. Ind. |            |                            | Ariz.           |
|        | relictus Fall 15–424        | N.Y. Tenn.     |            | wahsatchensis Fall 15-459  | Utah-Wash.      |
| 16.    | carolinensis Bowd. 10–5     | N.C. Md.?      | 54.        | nigricornis (Say) 23–436   | Kan. Colo.      |
| 17.    | luctuosus Suffr. 58–401 5   | GaD.C.         | 55.        | carbonarius Hald. 49–260   | Ind.Conn.Fla.   |
| 18.    | varians Bowd. 09–321        | Ga. Fla. Tex.  |            |                            | Kan.            |
| 19.    | conformis Suffr. 52–205     | Fla.           | a.         | janus Fall 15–462          | Neb. Man.       |
|        | osceola Fall 15–428         | Fla.           |            | picturatus (Germ.) 24-560  |                 |
|        | quadri-oculatus Fall 15-429 |                |            | viduatus (Fab.) 01-49      | Ga. Tex.        |
|        | 444441 33444444 411 23 42   | Ga.            |            | m-nigrum(Melsh.)47-170     | Conn. Ind.      |
| 99.    | fractus Fall 15-430         | Tex.           | ٠.         | intricatus Suffr. 52–180   | 002             |
|        | truncatus Bowd. 09–314      | Ariz.          | 59.        | trinotatus(Melsh.)47–170   | Fla.Conn.Ind.   |
|        | precarius Fall 15–431       | Tex. Ariz.     |            | pulvinatus Suffr. 52–151   | N.J. Fla. La.   |
|        | nogalicus Fall 15–432       | Ariz.          |            | confusus Bowd. 09–365      | D.C. La. Ind.   |
|        | croftus Bowd. 09–322        | Colo. Ariz.    | 01.        | proximus    Bowd. 09–360   | D.O. Ba. Ind.   |
|        | sonorensis Jac. 89–151      | Ariz. Tex.     | 69         | luridus (Fab.) 98–109      | AtlColo. Ind.   |
|        | varicolor Suffr. 52–153     | Colo. Ariz.    | 02.        | femoratus (Say) 23–440     | AuColo. Inc.    |
| ۵۰۰    | renidens Lec. 48–208        | Colo. Aliz.    |            |                            |                 |
|        |                             |                |            | aesculi (Melsh.) 47–171    |                 |
| 90     | laevicollis Bowd. 09–322    | Cal.           |            | moerens Stal 57–63         | Atl Colo Ind    |
|        | lustrans Lec. 80–208        |                |            | nigrinusBlatch. 10–1130    | AtlColo. Ind.   |
|        | californicus Fall 15–437    | Cal. Ariz.     |            | festivus Fall 15–470       | KanAriz.        |
|        | gagates Fall 15–438         | So.Cal.        |            | vulnerosus Fall 15–471     | Ariz.           |
|        | pinguescens Fall 15–438     | Cal. Ariz.     | 64.        | falli n.m.                 | m 72            |
| 32.    | tridens (Melsh.) 47–172     | Fla.Conn.Ind.  | ۰.۳        | instabilis    Fall 15–471  | TexKan.         |
|        | mollis Hald. 49–263         | 70             |            | hybridus Suffr. 52–157     | Cal. Tex.       |
| a.     | flavicornis (Melsh.)47–172  | Pa.            | 66.        |                            | Fla. D.C.       |
|        | obsoletus Suffr. 52–200     | N.H. Fla. B.C. |            | limbatus    (Newn.) 41–250 |                 |
|        | alticola Fall 15–442        | Colo. N.Mex.   |            | marginatus Bowd. 09–239    |                 |
| 35.    | lacvis Bowd. 09–316         | Tex. Colo.     | a.         | sanguineus Fall 15–474     | Ariz.           |
|        |                             | N.Mex.         | 68.        | cruentus Lec. 80–206       | Tex.            |
| 36.    | nubilus Bowd. 09–312        | Ariz. Utah     | 69.        | dilatatus Suffr. 52–162    | Ga. Ind.        |
| 37.    | conspirator Fall 15–445     | Ariz.          |            | subfasciatus ‡ Blatch. 10- | 1131            |
|        | subvittatus Lec. 80–208     | Tex.           | 70.        |                            | Fla. Can. Ind.  |
|        | liebecki Fall 15–447        | Kan.           |            | punctatus Hald. 49–257     | [Ariz.          |
|        | bivittatus (Say) 23–440     | N.HL.Cal.      | a.         | heteroderus Fall 15–478    | Ariz.           |
|        | viduatus var.‡ Suffr. 52–15 | 66 [Ind.       |            | microps Fall 15–478        | Ariz.           |
|        | albescens Suffr. 58–404     |                |            | eburifer Suffr. 66–394     | So.Am. (Tex.?)  |
| 41.    | sublimatus Fall 15–449      | Cal.           |            | oculatus Suffr. 52–178     | N.Am. (U.S.?)   |
|        | circumeinctus Cr. 74–79     | Cal. Or.       |            | puncticollis Bowd.09-317   | Mex. (Ariz.?)   |
|        | consimilis Fall 15–450      | Cal.           |            |                            |                 |
|        |                             |                |            |                            |                 |

# Monachulini

# Leconte 80

| Monachulus Leng 18–208     |               | Mona   | chulus Leng               |               |
|----------------------------|---------------|--------|---------------------------|---------------|
| (Monachus   Suffr. 52-210  | ))            | 15475. | auritus (Hald.) 49–264    | Ga. Fla.      |
| 15472. ater (Hald.) 49–264 | Atl.St. Ind.  |        | affinis (Hald.) 49–264♀   |               |
|                            | Fla.          | 76.    | guerini (Perbosc.) 39–264 | Ariz. Mex.    |
| 73. saponatus (Fab.) 01–55 | M.&So St.Ind. |        | seminulum Suffr. 58–344   |               |
|                            | Fla.          |        | nitidulus (Fab.) 01–40    |               |
| 74. thoracicus Cr. 73–31   | N.CFla.       |        | punctulatus (Fab.) 01–40  | N.Am. (U.S.?) |

# CRYPTOCEPHALINI

# Leconte 80; Clavareau 13

| Crypt                                   | ocephalus Geoffr. 62-231                              | 40)                | Cryptocephalus Geoffr.                                         |                      |
|-----------------------------------------|-------------------------------------------------------|--------------------|----------------------------------------------------------------|----------------------|
| 15477                                   | (Canthostethus Hald. 49–2)                            |                    | 15510. atrofasciatus Jac. 80–48                                | Mex. Ariz.           |
| 13477.                                  | basalis Suffr. 52–54<br>mucoreus Lec. 60–23           | Mex. Ind.          | 11. tesseratus Chev. 34–85                                     | Mex. Tex.            |
| 78                                      | pubicollis Linell 98–480                              | Kan. Tex.<br>Ariz. | 14-pustulatus Suffr. 52–41                                     |                      |
|                                         | notatus Fab. 87–83                                    | Atl. St.           | 12. quereus Schffr. 06–232                                     | Ariz.                |
|                                         | quadrimaculatus Say 23-4                              |                    | 13. californicus Clav. 13–137<br>crenatostriatus    Schffr. 05 | L.Cal.               |
| •                                       | quantimusumous aug 20                                 | Minn.Kan.Fla.      | 14. badius Suffr. 51–315                                       | Pa. Ky. Fla.         |
|                                         |                                                       | Ind. Conn.         | 11. budius built. 01 515                                       | Ind.                 |
| b.                                      | fulvipennis Hald. 49–256                              | Fla.               | 15. schreibersi Suffr. 51–288                                  | Mass. Ga. Fla.       |
|                                         | quadruplex Newn. 41–78                                | Atl. St. Ind.      | rugicollis Hald. 49–258                                        | •                    |
|                                         | quadriguttulus Suffr.52-65                            |                    | 16. tinetus Lec. 80–203                                        | Ind.Mass.Fla.        |
|                                         | sanguinicollis Suffr. 52–78                           |                    |                                                                | Tex.                 |
|                                         | nigerrimus Cr. 74–78                                  | Or.                | 17. lateritius Newn. 41–78                                     | Ga. Fla.             |
|                                         | arizonensis Schffr. 04–225<br>guttulatus Oliv. 08–815 | Ariz.              | ?fasciatus Say 23–437                                          | T11 YY               |
| 30.                                     | lautus Newn. 40–250                                   | Fla.Atl.St.Ind.    | 18. striatulus Lec. 80–204                                     | Ill. Va.             |
| 84.                                     | cribripennis Lec. 80–200                              | Tex.               | 19. luteolus Newn. 40–250<br>20. sanfordi Blatch. 13–23        | Fla.                 |
|                                         | umbonatus Schffr. 06–232                              | Ariz.              | sanfordensis Clav. 13–182                                      | rıa.                 |
|                                         | bivius Newn. 40-249                                   | Ga. Tex. Fla.      | — pseudolus Suffr. 58–373                                      | Fla. Tenn.           |
| 87.                                     | leucomelas Suffr. 52–36                               | Pa.Ga.N.Mex.       | — geminatus Newn. 40–250                                       | Fla.                 |
|                                         | vitticollis Lec. 80–200                               | [Ind. Ariz.        | — puncticeps Say 23-488                                        | Ark.                 |
|                                         | duryi Schffr. 06–230                                  | Tex.               | — luscus Suffr. 58–377                                         | N.Am.                |
|                                         | castaneus Lec. 80–200                                 | Cal. So.Cal.       |                                                                |                      |
|                                         | amatus Hald. 49–253                                   | Mo. Wy.            |                                                                |                      |
|                                         | defectus Lec. 80–201<br>brunneovittatus Schffr. 04-   | Tex.               | Diachus Lec. 80–196                                            |                      |
| 92.                                     | bi unifeovittatus Sciiir. 04                          | -220<br>Tex.       | (Fabricianus Weise 95–58)                                      | TIL C                |
| 93.                                     | confluens Say 23-440                                  | Kan.Tex.Colo.      | 15521. auratus (Fab.) 01–57                                    | Fla. Conn            |
| • • • • • • • • • • • • • • • • • • • • | community way 20 110                                  | Fla.               | æneus (Oliv.) 08–916                                           | So.Am. Ind.          |
| 94.                                     | spurcus Lec. 58-84                                    | Cal. So.Cal.       | chalconotus (Mann.) 43–31                                      | Ariz. So.Cal.        |
|                                         | venustus Fab. 87–79                                   | Fla. N.YGa.        | viridis (Melsh.) 47–174                                        | . 2                  |
|                                         |                                                       | Tex.Ind.Conn.      | 22. subopacus Schffr. 06–234                                   | Ariz.                |
|                                         | flaceidus Suffr. 51–239                               |                    | 23. erasus Lec. 80–197                                         | Cal.                 |
|                                         | cinctipennis Rand. 38-45                              | Ind. Conn.         | 24. laevis (Hald.) 49–257                                      | Pa. Ga.              |
|                                         | hamatus Melsh. 47–174                                 | Conn.              | 25. squalens (Suffr.) 52–73                                    | Fla.                 |
| е.                                      | ornatulus Clav. 13–194<br>ornatus Fab. 98–106         | Fla.               | 26. aeruginosus Lec. 80–197                                    | Colo.                |
| д                                       | simplex Hald. 49–249                                  | So.St.             | 27. catarius (Suffr.) 52–68                                    | Ill. Va. Ind.        |
|                                         | obsoletus Germ. 24–559                                | Fla. Ga.           | 28. pallidicornis (Suffr.) 67–113                              |                      |
|                                         | incertus ‡ Hald. 49-250                               | 2 0                |                                                                | Kan. Ill. Ind. Conn. |
|                                         | ornatus ‡ Suffr. 52-229                               |                    | 29. chlorizans (Suffr.) 52–76                                  | Va. Ind.             |
| 97.                                     | nanus Fab. 01–56                                      | Ark. Fla.          | 201 001                                                        | , m. 111d.           |
|                                         | carinatus Lec. 80–202                                 | Kan.               | TT 12 II O I                                                   |                      |
| 99.                                     | insertus Hald. 49–252                                 | Ga. Conn.          | Bassareus Hald. 49–249                                         | 30 AT 0 CO CO        |
| 15500                                   | ellipsoidalis Csy. 84–66                              | Al. C.             |                                                                | M.&S.St.             |
| 19900.                                  | calidus Suffr. 51–241<br>?bispinus Suffr. 58–347      | Alt. St.           |                                                                | Fla.                 |
|                                         | ornatus ‡ Say 25–28                                   |                    | a. clathratus(Melsh.)47–173<br>31. areolatus Suffr. 51–301     | Ind.<br>Tex.         |
|                                         | venustus ‡ Hald. 49–251                               |                    |                                                                | Pa.Ill.Ga.Ind.       |
| 01.                                     | gibbicollis Hald. 49–252                              | Atl. St.           | ?guttatus Hald. 49–247                                         | Conn.                |
|                                         | albicans Hald. 49–252                                 |                    | a. sulphuripennis (Mclsh.) 47-                                 |                      |
| 02.                                     | aulicus Hald. 49–249                                  | Ga. Fla.           | • • • • • • • • • • • • • • • • • • • •                        | Ind. Conn.           |
| 03.                                     | trivittatus Oliv. 08–824                              | Middle St.Ind.     | 33. detritus (Oliv.) 08–814                                    | Atl. St.             |
|                                         | ?lixus Newn. 40–250                                   | [Conn.             |                                                                | Fla.                 |
| 0.4                                     | vittatus Hald. 49–250                                 | TA .               | distinctus Hald. 49–255                                        | NAT O THE CLUT I     |
| 04.                                     | tricinatus Suffr. 58–372                              | Mex. Ariz.         | 34. mammifer (Newn.)40–250                                     |                      |
| 05                                      | tricinctus    Suffr. 52–34<br>incertus Oliv. 08–814   | M.&W.St.Fla.       | a. egcnus Suffr. 51–311<br>b. luteipennis (Melsh.) 47–173      | [Conn.               |
| 00.                                     | lineolatus Hald. 49–249                               | m.c. w.St.Fla.     |                                                                | ${ m Ind.}$          |
| 06.                                     | pumilus Hald. 49–249                                  | Ga. Fla.           | c. pretiosus (Melsh.) 47–174                                   | mu.                  |
|                                         | mutabilis Melsh. 47–172                               | Pa. Tex. Ind.      | d. sellatus Suffr. 51–307                                      | Ind. Conn.           |
|                                         | discoideus Suffr. 52-49                               | [Conn.             | ?notatus (Kby.) 37–208                                         |                      |
|                                         | dispersus Hald. 49–248                                |                    | e. ?quadrisignatus Suffr. 48-1                                 | 92                   |
|                                         | simulans Schffr. 06–231                               | Ariz.              |                                                                | Ill.                 |
| 09.                                     | fulguratus Lec. 80–203                                | Tex.               | 35. croceipennis Lec. 80–199                                   | Fla.                 |
|                                         |                                                       |                    |                                                                |                      |

| 292                                                                                                                                                                                               | CHRYSOM                                                                           | IELIDÆ                                                                                                                                                                                             |                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Bassareus Hald. 15536. lituratus (Fab.) 01–50 a. castus (Melsh.) 47–171 b. lativittis (Germ.) 24–558 geminatus Hald. 49–253 c. vittatus Suffr. 51–296 5-vittatus err. typ. d. recurvus Say 23–439 | Fla. Atl.St.<br>[Ind. Conn.<br>Ind.Fla.Conn.                                      | Triachus Lec. 80–197 15537. atomus (Suffr.) 52–74 38. cerinus Lec. 80–197 39. vacuus Lec. 80–197 40. postremus Lec. 80–197  * 41. peninsularis Schffr. 06–234                                      | Va. Fla. Ind.<br>Fla. [Conn.<br>Ill. Kan. Ind.<br>Tex. Fla. |
|                                                                                                                                                                                                   | TAMBOO                                                                            | OMINE                                                                                                                                                                                              |                                                             |
| Lamprosoma Kby. 18–445                                                                                                                                                                            | LAMPROS                                                                           | Lamprosoma Kby.                                                                                                                                                                                    |                                                             |
| (Oomorphus Curtis 31–347)<br>15542. floridanum (Horn) 93–133                                                                                                                                      |                                                                                   | 15543. opulentum Lac. 48–577                                                                                                                                                                       | Cal. Mex.                                                   |
|                                                                                                                                                                                                   | EUMOL                                                                             | PINÆ                                                                                                                                                                                               |                                                             |
|                                                                                                                                                                                                   | Horn 92; Cla                                                                      | avareau 14                                                                                                                                                                                         |                                                             |
|                                                                                                                                                                                                   | Chryson                                                                           | DININI                                                                                                                                                                                             |                                                             |
| Chrysodina Baly 64–221<br>(Chalcoparia Cr. 73–39)<br>15544. globosa (Oliv.) 08–893<br>ovata (Say) 23–442                                                                                          | ConnAriz.                                                                         |                                                                                                                                                                                                    |                                                             |
| •                                                                                                                                                                                                 | Ірнім                                                                             | EINI                                                                                                                                                                                               |                                                             |
| pilula (Germ.) 24–567<br>46. clypealis Horn 92–231                                                                                                                                                | M.St. N.C. [Kan. Ind. Pa. N.C. Tex. Ind. PaDak. Ind. Ariz. Conn. N.C. [Mont. Ind. | Nodonota Lef.<br>strigicollis (Lef.) 75–112<br>15550. rotundicollis Schffr.06–237<br>Metaparia Cr. 73–40<br>15551. clytroides Cr. 73–40<br>Euphrytus Jac. 81–124<br>15552. intermedius Jac. 81–207 | Tex. Tex. Mex. Ariz.                                        |
|                                                                                                                                                                                                   | Colas                                                                             | PINI                                                                                                                                                                                               |                                                             |
| Metaxyonycha Chev. 47-172<br>15553. arizonæ (Cr.) 73-45<br>54. circumcincta Horn 92-228<br>Colaspis Fab. 01-411<br>15555. brunnea (Fab.) 98-94<br>a. costipennis Cr. 73-44<br>crotchi Lef. 84-199 |                                                                                   | Colaspis Fab. 15558. moesta Horn 95–248 59. favosa Say 23–447 60. oregonensis (Cr.) 73–38 61. chrysis Oliv. 08–886 62. subtropica Schffr. 06–235 — californica Boh. 58–171 — striata Say 23–444    | L.Cal. Dak. Fla. Or. No.Cal. N.C. Tex. Cal. Mo.             |
| b. flavida Say 39–196<br>flavicans Lef. 85–33<br>c. suilla Fab. 01–417<br>56. championi Jac. 81–137<br>57. nigrocyanea Cr. 73–45                                                                  | ArizMex.                                                                          | Rhabdopterus Lef. 85–46<br>(Rhabdophorus    Lef. 78–13<br>15563. picipes (Oliv.) 08–886<br>prætexta (Say) 23–442                                                                                   | 26)<br>MassDak.<br>Fla. [S.C. Ind.                          |
| Granhans Los 85-96                                                                                                                                                                                | Scelodo                                                                           |                                                                                                                                                                                                    |                                                             |
| Graphops Lec. 85–26                                                                                                                                                                               | Can. [Ind.                                                                        | Graphops Lec. 15569. marcassitus Cr. 73–35  70. nebulosus (Lec.) 59–23                                                                                                                             | Atl.St. Ind.<br>Fla.<br>Idaho-Ariz.<br>Ill.<br>Tex.         |

# LEPROTINI

|              | Aanthoma Daly                               |
|--------------|---------------------------------------------|
|              | 15573. decemnotata (Say) 23-445 CanTex.Ind. |
| Tex. S.W.Ut. | 74. villosula (Melsh.) 47–169 CanGa. Ariz.  |
| Ariz.        | stevensi Baly 63–151 [Ind.                  |
|              | a. plagiata (Melsh.) 47–169                 |
|              |                                             |

| Fidia Baly 63–153 15575. plagiata Lef. 77–165 a. humeralis Lef. 77–165 76. clematis Schffr. 04–227 77. viticida Walsh 67–87 lurida Lef. 85–76 murina Cr. 73–33                                                                                                                                                                                                                                         | Mex. Ariz. Mex. Ariz. Tex. M.St.Dak. [Fla. Tex. Ind. [Conn.                                                                                | Fidia Baly 15578. longipes (Melsh.) 47-169 viticola (Uhler) 55-418 79. cana Horn 92-198                                                                                                                                                                                                                                                                                                      | E.St. Ind.<br>Tex.                                                                                           |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--|--|
| Metachroma Lec. 58-85 15580. aeneicollis Horn 92-210 81. longulum Horn 92-212 82. dubiosum (Say) 23-447 83. californicum Cr. 73-41 84. ustum Lec. 58-85 85. viticola Linell 98-481 86. aterrimum Horn 92-214 87. suturalis Lec. 58-85 88. terminalis Horn 92-215 89. peninsularis Cr. 73-42 90. interruptum (Say) 23-448  91. angustulum Cr. 73-41 92. parallelum Horn 92-217 93. lævicollis Cr. 73-43 | N.Am. Ariz. DakTex.Fla. So.Cal. Ariz. Tex. Ariz. Tex. N.Mex. Tex. Fla. L.Cal. DakAriz. Fla. [Ind. Mo.Kan.Ind. Mont. Ind. L.I.N.Y.N.C. Fla. | Metachroma Lec. 15594. luridum (Oliv.) 08-892 vicinum Cr. 73-43 95. marginalis Cr. 73-43 96. maculipennis Sz. 78-366 97. pellucidum Cr. 73-43 98. pallidum (Say) 23-446  a. lateralis Cr. 73-44 99. floridanum Cr. 73-43 15600. puncticollis Lec. 58-85 01. quercatum (Fab.) 01-417 — atratum (Fab.) 98-106 — melanurum (Melsh.) 47-1  Metacolaspis Horn 95-247 15602. conspersa Horn 95-248 | S.C. Ga.  N.C.Kan.Fla. Fla. Ga. Fla. Mass. Fla.Mo. Ind. N.C. Kan. Fla. Ga. Tex. Mass.Fla.Ind. N.Am. 68 N.Am. |  |  |
| Eumolpus Web. 01–28<br>15603. surinamensis (Fab.) 75–96<br>robustus (Horn) 85–156                                                                                                                                                                                                                                                                                                                      | 15603. surinamensis (Fab.) 75–96 So.ArizBrazil                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                              |  |  |
| Adoxus Kby. 37-209 15604. obscurus (L.) 58-375  cochlearius (Say) 39-196                                                                                                                                                                                                                                                                                                                               | Eur.Sib.Ind. Nfld.N.H. H.B.T.Alas. Cal.Nev.Colo. [N.Mex. N.Y.                                                                              | Adoxus Khy.  a. concinnus Weise 98–190 b. villosulus Schrank 81–95 vitis auct. nec Fab.                                                                                                                                                                                                                                                                                                      | Japan, N.Am.<br>N.HL.Sup.                                                                                    |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                        | I2                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                              |  |  |
| Tymnes Chap. 74–310<br>15605. tricolor (Fab.) 92–316<br>verticalis Chap. 74–311<br>viridis (Fab.) 01–413                                                                                                                                                                                                                                                                                               | Edusi<br>Mass. Mex.<br>[Ind.                                                                                                               | Tymnes Chap. 15606. violaceus Horn 92–221 07. metasternalis Cr. 73–38                                                                                                                                                                                                                                                                                                                        | W.Pa.<br>PaIll. Ind.                                                                                         |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                        | Муост                                                                                                                                      | HROINI                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                              |  |  |
| Myochrous Er. 47–164<br>15608. denticollis (Say) 23–448<br>09. longulus Lec. 58–86<br>10. magnus Schffr. 04–228<br>11. squamosus Lec. 59–24                                                                                                                                                                                                                                                            | Ill. Tex. Fla. Ind. So.Cal. Ariz. Tex. Mont. Neb.                                                                                          | Glyptoscelis Lec. 15616. alternata Cr. 73–36 17. albida Lec. 59–81 longior Lec. 78–462 18. prosopis Schffr. 05–169 19. squamulata Cr. 73–36                                                                                                                                                                                                                                                  | So.Cal. Wy.<br>Nev. Or.<br>Tex.<br>Or. Ut. Ariz.<br>So.Cal.                                                  |  |  |
| Glyptoscelis Lec. 59-81 15612. illustris Cr. 73-35 13. pubescens (Fab.) 77-220 hirsutus (Gmel.) 88-1703 hirtus (Oliv.) 08-906 pini (Say) 27-295 14. barbata (Say) 27-296 15. liebecki Blatch. 10-1137                                                                                                                                                                                                  | OrSo.Cal.<br>OntGa.  No.Atl.St.Ind.<br>Ind. [Conn.                                                                                         | 20. cryptica (Say) 23-449<br>albicans Baly 65-334  Colaspidea Lap. 33-21 15621. cuprascens (Lec.) 58-85 22 subvittata Fall 97-243 23. smaragdula (Lec.) 57-67 24. varicolor Cr. 74-79                                                                                                                                                                                                        | So.Cal. So.Cal.Is. So.Cal. So.Cal.                                                                           |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                              |  |  |

|                                                                                                                | Тұроғ                                     | PHORINI                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Typophorus</b> Er. 47–163<br>15625. viridicyaneus (Cr.) 73–40<br>sturmi Lef. 77–317<br>chalceus Lef. 77–317 | Va. Fla. Mex.<br>Ind. So.Cal.             | Paria Lec. b. gilvipes Horn 92–208 c. pumila Lec. 59–23 d. quadriguttata Lec. 58–86 histrio Lef. 77–319                                                                       |
| Paria Lec. 58–85 15626. canella (Fab.) 01–52  a. aterrima (Oliv.) 08–913 opacicollis Lec. 59–23                | CanAriz.<br>So. Cal. Ind.<br>Fla.<br>Fla. | laevicollis Cr. 73-40 e. quadrinotata (Say) 23-446 f. sellata Horn 92-208 g. sexnotata (Say) 23-445 infuscata Lec. 51-173 h. thoracica (Melsh.) 47-168 i. vittata Horn 92-208 |
| ·                                                                                                              | Coryn                                     | IODINI                                                                                                                                                                        |
| Chrysochus Redt. 45-117<br>15627. auratus (Fab.) 75-101<br>28. cobaltinus Lec. 57-67                           | Atl. St. Can.<br>Ind.<br>So.CalOr.        | Chrysochus Redt. castaneus Marshall 65–49 californicus Marshall 65–49 tenebricosus Marshall 65–49                                                                             |
|                                                                                                                | Endoce                                    | PHALINI ·                                                                                                                                                                     |

| Colaspoides Lap. 33-20           |       | Colaspoides Lap.                             |
|----------------------------------|-------|----------------------------------------------|
| 15629. violaceipennis Horn 92-22 | 29    | 15631. viridimicans Horn 92-229 Ariz. N.Mex. |
|                                  | Ariz. | 32. macrocephala Schffr. 06–236              |
| 30. opacicollis Horn 92–229      | Tex.  | Tex.                                         |

# **CHRYSOMELINÆ**

(Weise 16)

| Timarchini                                                                                              |                                      | Entomoscelini                                                                            |                                                  |
|---------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------|
| Timarcha Latr. 29–150<br>15633. intricata Hald. 53–363<br>intertexta Hald. 53–364<br>a. cerdo Stål 63-8 | Or. No.Cal.<br>Colo.<br>No. Pac. St. | Entomoscelis Chev. 43-656<br>15634. adonidis (Pallas) 71-463<br>trilineata (Fab.) 77-219 | Eur.& Sib.<br>H.B.T. Mont.<br>Alb. Colo.<br>Sib. |
|                                                                                                         | Prace                                | OCHDINI                                                                                  |                                                  |

| Prasocuris Latr. 02–224        | •                   | Prasocuris Latr.                                |           |
|--------------------------------|---------------------|-------------------------------------------------|-----------|
| 15635. phellandrii (L.) 58–376 | Eur.& Sib.Ill.      | trivittata Say 27–289                           | Or. Conn. |
|                                | Ind.Can.Mich. Colo. | varipes Lec. 66–9<br>15637. obliquata Lec. 66–9 | Ind.      |
| 36. vittata (Oliv.) 08–595     | N.Am. Ind.          | 38. ovalis Blatch. 10–1151                      | Ind.      |
|                                |                     |                                                 |           |

# CHRYSOMELINI

# Linell 96

| Labidomera Chev. 43-656                       | Leptinotarsa Stål.                            |
|-----------------------------------------------|-----------------------------------------------|
| 15639. clivicollis (Kby.) 37–213 E.N.Am. Ind. | 15648. decemlineata (Say)23-453 U.S &Can.Ind. |
| Fla. Conn.                                    | tortuosa   Tower 06. pl. 16. (nec Rogers)     |
| ?trimaculata (Fab.) 75–95 La.                 | Md. Tex.                                      |
| a. rogersi Lec. 58–26 Neb.Tex.Kan.            | pallida Tower 06. pl. 16 L.I.Md.O.Ill.        |
|                                               | defectopunctata Tower 06. pl. 16              |
| Leptinotarsa Stål. 58–475                     | melanicum Tower 06-266 Mass.L.I.Md.           |
| (Myocoryna (Chev.) Stål 58–475)               | minuta Tower 06–272 Md.O.Ill.Tex.             |
| 15640. rubiginosa (Rogers) 56–30 Mex Ariz.    | immaculothorax Tower 06–272                   |
| Tex.                                          | 0.                                            |
| 41. behrensi Harold 37–16 Mex. (So.Cal.)      | albida Tower 06-272 Tex.                      |
| 42. haldemani (Rogers) 56–30 (Tex.?) Mex.     | rubrivittata Tower 06–273 Kan.                |
| 43. lineolata Stål 63–159 Mex.Tex.Ariz.       | obscurata Tower 06–273 ?                      |
| 44. dahlbomi Stål 59–317 Mex. Tex.            | multilineata Stål 59–316                      |
| 45. violascens Stål 59–317 Mex. Ariz.         | 49. multitæniata Stål 59-317 Mex. Tex.        |
| 46. peninsularis Horn 94–407 L.Cal. Ariz.     | melanothorax Stål 59–317 Mex. N.Mex.          |
| (Doryphora ‡ auct. nec Ill.)                  | 50. juncta (Germ.) 24–590 So.St.La.Ark.       |
| 47. undecimlineata Stål 59–316                | Ind.                                          |
| Mex.(So.Cal.?)                                | 51. defecta Stål 59–317 Mex. Tex.             |

| Leptinotarsa Stål.                                            |                             | Calligrapha Er.                                             |                               |
|---------------------------------------------------------------|-----------------------------|-------------------------------------------------------------|-------------------------------|
| a. texana Schffr. 06–239                                      | Tex.                        | 15670. wickhami Bowd. 11–325                                | Tex.                          |
| defecta ‡ Linell 96–196<br>undecimlineata ‡ Towns. (          | no 00                       | 71. scalaris Lec. 24–173<br>multiguttis Stål 65–261         | AtlNeb. Tex. [Ind. Fla.       |
| undecimmeata ‡ 10wns.                                         | 09-02                       | 72. rhoda Knab 09–83                                        | N.H.Wis.Kan.                  |
| Zygogramma Chev. 43–656                                       |                             | a. walshiana Blatch. 10–1157                                | Ind. Mo. [Ind.                |
| 15652. exclamationis (Fab.) 98–86                             | 6 Kan. Mont.<br>Ariz.       | 73. rowena Knab 09–85<br>74. philadelphica (L.) 58–372      | CanPa. Ind.<br>AtlNeb Ind.    |
| 53. conjuncta Rogers 56-34                                    | KanMont.                    | decipiens (Web.) 01–52                                      | Au-Neo Ind.                   |
|                                                               | Ariz.                       | ruficornis (Oliv.) 91–703                                   |                               |
| a. pallida Bland 64–71                                        | KanMont.<br>Ariz.           | a. spireæ (Say) 27–297                                      | Can. Conn.                    |
| 54. continua Lec. 67–57                                       | Ariz. Colo. Ut.             | confinis (Kby.) 37–211<br>75. amelia Knab 09–86             | L.Sup.<br>S.I. D.C. Va.       |
| fasciatipennis Jac. 91–249                                    |                             | 76. multipunctata (Say) 23-45                               | 51                            |
| 55. suturalis (Fab.) 75–95                                    | AtlColo. Ind.               |                                                             | MoWash                        |
| pulchra(Fab.) 92–313<br>a. casta Rogers 56–33                 | Tex.                        | 77. bigsbyana (Kby.) 37–212                                 | Ind. Conn.<br>CanOr.Ind.      |
| ?festiva (Fab.) 75–100                                        | (N.Am.?)                    | verrucosa Suffr. 58–266                                     | Mo.                           |
| 56. disrupta Rogers 56–34                                     | La. KanAriz.                | 78. pnirsa Stål 60–462                                      | Can.                          |
| 57. heterothecæ Linell 96–197<br>58. malvæ Stål 59–322        | Tex. Colo.<br>Mex.Tex.Ariz. | 79. dislocata Rogers 56–32<br>80. sigmoidea Lec. 59–285     | Tex.Ariz.Mcx.<br>Neb. So.Cal. |
| 59. tortuosa Rogers 56–32                                     | Tex. Ariz.                  | 81. serpentina Rogers 56–32                                 | Ariz. N.Mex.                  |
| <u> </u>                                                      | N.Mex.                      | mexicana Stål 59–323                                        | Mex.                          |
| 60. opifera Stål 60–460                                       | So.Ariz.                    | 82. multiguttata Stål 59–326                                | Mex. Kan.                     |
| 61. piceicollis Stål 59–322<br>62. signatipennis Stål 59–321  | TexAriz.<br>Mex. Ariz.      | 83. sylvia Stål 60–462<br>84. ancoralis Stål 60–462         | Mex. (Ariz.?)<br>Mex. L.Cal.  |
| 63. arizonica Schffr. 06–240                                  | Ariz.                       |                                                             | Mex. E.Cai.                   |
|                                                               |                             | Chrysomela L. 58–368                                        |                               |
| Calligrapha Er. 47–158                                        |                             |                                                             | Alas.                         |
| ?Polyspila Hope 40–165<br>15664. lunata (Fab.) 87–69          | AtlColo.                    | 86. flavomarginata Say 23–452<br>87. basilaris (Say) 23–451 | Ark. ColoOr.                  |
| brunnea (Thunb.) 87–43                                        | 77011 00101                 | subscriata Lec. 60–321                                      | Or.                           |
| hybrida (Say) 23–449                                          | Mo.                         | 88. auripennis Say 23–452                                   | TexNeb.Ind.                   |
| 65. similis Rogers 56–35                                      | AtlColo. Ind.               | a. cribraria Rogers 56–36                                   | [Ariz. Eur. N.S.              |
| 66. incisa Rogers 56–34<br>67. cephalanthi Sz. 78–366         | Kan.Neb.[Fla.<br>Fla.       | 89. staphylea L. 58–370<br>90. inornata Rogers 56–36        | Tex. Id. Cal.                 |
| 68. præcelsis Rogers 56–35                                    | Kan.Neb.Ind.                | 91. montevagans Lec. 78–463                                 | Colo.                         |
| 69. elegans (Oliv.) 08–532                                    | AtlPac. Ind.                | 92. subopaca Rogers 56–36                                   | N.Y. Fla. Tex.                |
| a. californica Linell 96–198                                  | So.Cal.                     | opacipennis Cr. err. typ.                                   | [Ind.                         |
|                                                               | РнÆD                        |                                                             |                               |
| Plagiodera Redt. 49–553                                       | 9 4 D N X                   | Gastroidea Hope                                             | D C:1.                        |
| 15693. versicolora (Laich.) 81–148<br>armoraciæ (Fab.) 87–103 |                             | 15704. viridula (DeG.) 75–311                               | Eur. Sib.<br>H.B.T. Kan.      |
| 94. thymaloides Stål 60–468                                   | Tex. Mex.                   |                                                             | Man. N.Mex.                   |
| Phædon Latr. 29–151                                           |                             | formosa (Say) 23–451                                        | Kan. Mont.                    |
| (Plagiodera ‡ auct.)                                          |                             | 05. aenea (Melsh.) 47–175                                   | N.Am. Pa.                     |
| 15695. prasinella (Lec.) 61–358                               | OrSo.Cal.                   | <b>Lina</b> (Meg. 23) Redt. 49-551                          |                               |
| 96. purpurea Linell 98–482<br>97. armoracicæ (L.) 58–369      | S.W. Utah<br>Eur. N.Am.     | (Melasoma    Steph. 31–35                                   |                               |
| cochleariæ (Gyll.) 09–479                                     | [Lab.                       | 15706. californica Rogers 56–37<br>07. arizonæ (Cr.) 74–53  | Cal.<br>Ariz.                 |
| 98. oviformis (Lec.) 61–457                                   | Cal.                        | 08. lapponica (L.) 58–371                                   | Eur.Sib.Alas.?                |
| 99. viridis (Melsh.) 47–175                                   | Mex. Fla.<br>N.Am.          | Process ( ) and an                                          | H.B.T.?                       |
| 15700. aeruginosus Suffr. 58–395                              | N.AIII.                     | interrupta Fab. 01–438                                      | Conn. Ind.                    |
| Gastroidea Hope 40-164<br>(Gastrophysa Redt. 49-553           | 8)                          | 09. tremulæ (Fab.) 87–69                                    | Eur. H.B.T.<br>N.H. Mich.     |
| 15701. polygoni (L.) 58–370                                   | Sib. Eur. N.S.              | 15710. scripta (Fab.) 01-438                                | Conn.Ind.Fla.                 |
|                                                               | Mo. Ind.                    | ?lineatopunctata(Forst.) 7                                  |                               |
| coerulipennis (Say) 27–297                                    |                             | noveboracensis (Gmel.) 98                                   | J <del>-</del> 1689           |
| 02. dissimilis (Say) 23-450<br>03. cyanea Melsh. 47-175       | Mo.<br>So.CalInd.           | variegata (Oliv.) 91–719<br>a. confluens Rogers 56–37       | Or. Ind.                      |
| oo. cjanea iizeisiii 20 200                                   | Ariz. Conn.                 | 11. obsolcta Say 23–435                                     | Mo.                           |
| a. caesia Rogers 56–38                                        | Cal.                        | 12. flosculosa Stål 60–467                                  | So.Am.                        |
|                                                               | Phyllo                      | DDECTINI                                                    |                               |
| Phytodecta Kby. 37-213                                        |                             | Phytodecta Khy.                                             |                               |
| (Gonioctena Redt. 49–357)                                     | 4.1 TT D. m                 | affinis    Mann. 52–369                                     | Alas.                         |
| 15713. arctica Mann. 53–257                                   | Alas. H.B.T.                | ?nivosa Suffr. 50-222                                       | Alps                          |
|                                                               | † Intro                     | duced.                                                      |                               |

| Phytodecta Kby.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sib. Eur. Lab.                                                                                                                                                  | Phyllodecta Kby. 37–216<br>(Chaetocera Weise 84–514)<br>15717. vulgatissima (L.) 58–370<br>a. interstitialis Mann. 53–259<br>18. vitellinæ (L.) 58–370<br>19. scutellaris Sahlb. 85–55                                                                                                                                                                                                                                                        | Eur. & Sib. Nfld. N.H. Ia. O. Va. Alas. Sib. Eur. Ind. L.Sup. Can. Eur. & N.Am.                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 16. simplex Suffr. 58–383                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | H.B.T. L.Sup.<br>U.S.                                                                                                                                           | 10. Scattenaris Samo. 00 00                                                                                                                                                                                                                                                                                                                                                                                                                   | Alas.                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GALERU                                                                                                                                                          | CINÆ:                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Chapuis 75;                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | СŒLОМЕ                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                         |
| <b>Monocesta</b> Clark 65–264<br>15720. coryli (Say) 23–455                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Va.Ill.Ks.Mo.<br>Fla.                                                                                                                                           | Halticidea Horn 93-61<br>15721. placida Horn 93-62<br>22. modesta Horn 93-62<br>23. delata Horn 93-63                                                                                                                                                                                                                                                                                                                                         | Ariz.<br>Fla.<br>Tex.Ariz.                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ату                                                                                                                                                             | SINI                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                         |
| Trirhabda Lec. 65–219 15724. tomentosa (L.) 67–601 bacharidis (Web.) 01–57 lampyroides (Gmel.) 98–17 25. brevicollis Lec. 65–221 26. virgata Lec. 65–220  27. canadensis (Kby.) 37–219  28. geminata Horn 93–68 29. caduca Horn 93–69 30. nitidicollis Lec. 65–219 31. lewisi Cr. 73–56 32. diducta Horn 93–70 33. convergens Lec. 65–220 a. virescens Ckll. 90–4 34. attenuata (Say) 23–459 35. luteocincta (Lec.) 58–88  36. flavolimbata (Mann.) 43–3  37. labrata Fall 07–242 38. eriodictyonis Fall 07–243 39. ornata Schffr. 05–137 | FlaTex. Ind. MassFla. Ind. H.B.T. N.J. Colo. Cal. Ind. So.Cal. Ariz. So.Cal. Colo. Utah, Colo. [N.Mex. Nev. Cal. N.S. Kan. Wy. Colo. KanB.C. Cal. N.J.? So.Cal. | Galerucella Cr. bilineata (Kby.) 37–220 15750. notata (Fab.) 01–488  51. nymphææ (L.) 58–376  marginella (Kby.) 37–308 sagittariæ (Gyll.) 08–511 femoralis (Melsh.) 47–161 luctuosa (Mann.) 52–368 52. tuberculata (Say) 23–256 (a. punctipennis (Mann.) 43–3 53. decora (Say) 25–294  ?salicis (Rand.) : 8–31 a. carbo(Lec.) 61–358 54. xanthomelæna (Schrank) 8 calmariensis (Harris) 52–12 gelatinariæ (Fab.) 01–490 ?luteola Mull. 66–187 | Cal. Tex.  Alas. ColoVanc. 308 [Ind. CanColo. Ind. Me. No.N.Y. NebOr. 31-78 †Eur. Mass.& Va.                            |
| 40. nigrohumeralis Schffr. 05-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ariz.                                                                                                                                                           | Monoxia Lec. 65–221                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                         |
| 41. subcyanescens Schffr. 06–2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tex.                                                                                                                                                            | 15755. puncticollis (Say) 23–458                                                                                                                                                                                                                                                                                                                                                                                                              | Colo. Tex. Ut. Fla. So.Cal.                                                                                             |
| Ophræa Jac. 86–492 15742. arizonica Fall 10–147  Galerucella Cr. 73–55 15743. marmorata Jac. 81–491 44. americana(Fab.) 75–489 cribrata (Lec.) 65–215 conferta (Lec.) 65–215 45. sexvittata (Lec.) 65–214 46. cavicollis (Lec.) 65–216  47. rufosanguinea(Say)27–299 48. integra (Lec.) 65–218 49. notulata (Fab.) 01–489                                                                                                                                                                                                                 | Ariz.  Mex. Tex. AtlColo.Ind. [Fla.  PaLa. Ind. CanWis. N.Eng. Ind.                                                                                             | morosa (Lec.) 57-70 maritima Lec. 65-218 erosa Lec. 84-28 56. consputa (Lec.) 57-70 guttulata (Lec.) 57-70 angularis (Lec.) 59-90 57. debilis Lec. 65-222 obtusa Lec. 65-222 58. batisia Blatch. 17-273 ?atomaria (Fab.) 01-490 59. sordida (Lec.) 58-88                                                                                                                                                                                      | KanSo.Cal.  KanSo.Cal.  [Ariz.  Ariz.  UtSo.Cal.  Ariz.  [Ariz.  UtSo.Cal.  Ariz.  Fla.  S.C.  UtSo.Cal.  (Fla.?) Ariz. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 | d                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                         |

† Introduced.

#### Diabroticini

|                                                                                                                                                                                                                                   | Diabr                                                                         | OTICINI                                                                                                                                                                                                              |                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>Triarius</b> Jac. 87–571<br>15760. lividus (Lec.) 84–28<br>mexicanus Jac. 88–571<br>61. trivittatus Horn 93–88                                                                                                                 | So.Ariz.<br>Mex.<br>Ariz.                                                     | Diabrotica Chev.<br>15771. balteata Lec. 65–213<br>sallei Baly 86–227<br>72. peregrina Jac. 88–330                                                                                                                   | TexSo.Am.<br>[Ariz.<br>Mex. Tex.                                             |
| Paratriarius Schffr. 06–243<br>15762. dorsata (Say) 23–256                                                                                                                                                                        | Ark. O. Ind.                                                                  | 73. bipuncticollisSchffr.05–17<br>B.                                                                                                                                                                                 |                                                                              |
| Neobrotica Jac. 87-571<br>15763. pluristicta Fall 10-148<br>64. furcata (Oliv.) 08-643                                                                                                                                            | So.Ariz.<br>Tex.                                                              | 74. longicornis (Say) 23–460<br>                                                                                                                                                                                     | M.StKan.<br>Ind.<br>N.Mex. Ariz.<br>N.Mex.                                   |
| Diabrotica Chev. 43-717 A.                                                                                                                                                                                                        |                                                                               | 77. atripennis (Say) 23–461<br>a. cristata Harris 37–90<br>b. fossata Lec. 58–88                                                                                                                                     | Mass. Dak. [Tex.                                                             |
| 15765. connexa Lec. 65–212 66. variegata Jac. 87–527 67. picticornis Horn 93–91 68. tricineta (Say) 23–457 suffriani Jac. 88–551 69. duodecimpunctata (Fab.)                                                                      |                                                                               | 78. lemniscata Lec. 68–58<br>79. blandula Lec. 68–58<br>80. nitida Linell 98–483<br>81. vincta Lec. 78–416<br>°C.                                                                                                    | Conn. N.Mex. N.Mex. N.Mex.Tex. Ga. Fla.                                      |
| a. tenella Lec. 58–58  70. soror Lec. 65–212                                                                                                                                                                                      | Can.Tex.Mex. Ind. Fla. So.Cal. Ariz. Tex. Ariz. So.Cal. Or.Cal. Ariz. So.Cal. | 82. vittata (Fab.) 75–122 melanocephala(Fab.) 75– americana (Gmel.) 98–171 stolata (Gmel.) 98–1724 a. incerta Ckll. 95–159 83. trivittata(Mann.) 43–309                                                              |                                                                              |
|                                                                                                                                                                                                                                   | Phyllos                                                                       | BROTICINI                                                                                                                                                                                                            |                                                                              |
| Phyllobrotica Redt. 49–525<br>15784. nigripes Horn 93–102<br>85. luperina Lec. 65–207<br>86. viridipennis Lec. 59–81<br>87. vittata Horn 93–100<br>88. decorata (Say) 23–459<br>olivieri (Kby.) 37–218<br>89. sororia Horn 96–378 | So.Cal. So.Cal. Nev. So.Cal. Nev. N.YGa. Ind. Ind. Can. N.J. [Colo. Tex.      | Phyllobrotica Redt. 15790. nigritarsis Linell 98-482 91. costipennis Horn 93-99 92. discoidea (Fab.) 01-485 circumdata (Say) 23-457 93. lengi Blatch. 10-1175 94. limbata (Fab.) 01-486                              | Kan.Neb.Tex.<br>Ga. Fla.<br>ConnGa.Ind.<br>Ind.<br>Conn.D.C.Ia.<br>Tex. Ind. |
|                                                                                                                                                                                                                                   | Scri                                                                          | DINI                                                                                                                                                                                                                 |                                                                              |
| Scelolyperus Cr. 74-79<br>15795. flaviceps Horn 93-103<br>96. flavicollis (Lec.) 59-81<br>97. tejonicus Cr. 74-79<br>98. loripes Horn 93-104                                                                                      | Ariz.<br>So.Cal.<br>So.Cal.<br>Cal.                                           | Scelolyperus Cr. 15803. longulus (Lec.) 57-69 nigrocyaneus (Lec.) 79-51 04. decipiens Horn 93-106 Trachyscelida Horn 93-107                                                                                          | TexOr.<br>7<br>No.Cal.                                                       |
| 99. maculicollis (Lec.) 84–27<br>15800. cyanellus Horn 95–251<br>01. graptoderoides(Cr.) 74–80                                                                                                                                    | So.Cal. L.Cal.                                                                | 15805. bicolor (Lec.) 84–28<br>Synetocephalus Fall 10–146                                                                                                                                                            | So.Cal.                                                                      |
| 02. schwarzi Horn 93–105                                                                                                                                                                                                          | Or. No.Cai.                                                                   | 15806. autumnalis Fall 10–146                                                                                                                                                                                        | So.Cal.                                                                      |
|                                                                                                                                                                                                                                   | Lupe                                                                          | RINI                                                                                                                                                                                                                 |                                                                              |
| <b>Eusattodera</b> Schffr. 06–244 15807. pini Schffr. 06–244 <b>Luperodes</b> Mots. 58–102 (Luperus ‡ auct.) 15808. californica Schffr. 06–245 09. bivittatus Lec. 59–81 10. varicornis Lec. 68–57 brunneus Cr. 73–54             | Ariz.  Cal. So.Cal. N.CAriz.Fla.                                              | Luperodes Mots. 15817. texanus Horn 93–113 18. transitus Horn 93–113 19. laticeps Horn 93–114 20. wickhami Horn 93–114 21. torquatus Lec. 84–28 22. lecontei Cr. 73–54 rufipes    Lec. 59–27 23. meraca (Say) 27–299 | Tex. So.Cal. So.Cal. Ariz. So.Cal. N.Mex.                                    |
| 11. davisi Leng 11–193 12. atriceps Horn 93–112 13. marginalis Fall 10–149 14. atricornis Fall 10–149 15. thoracicus(Melsh.) 47–162 16. luteicollis Lec. 68–57                                                                    | Ga.<br>Ariz.<br>Tex.<br>Ariz.<br>Pa. Ga. Kan.<br>Colo. N.Mex.                 | 24. cyancllus Lec. 65–209 25. smaragdinus Lec. 59–286 26. morulus Lec. 65–210 27. spretus Horn 93–117 28. semiflavus Fall 07–252                                                                                     | Ct. Pa. Mo. Ind. So.Cal. Tex. Tex. N.Mex.                                    |

| Luperodes Mots. 15829. morrisoni Jac. 81-595 30. varipes Lec. 57-69 31. intermixtus Fall 10-151  Androlyperus Cr. 73-55                          | So.Cal. Ariz. So.Cal. Mont. Colo. N.Mex. Ariz. ANDROL | Luperodes Mots. 15832. curvatus Fall 10–150 33. crassicornis Fall 10–151 34. nigrovirescens Fall 10–152 35. histrio Horn 95–250  YPERINI  Malacorhinus Jac. | Cal.<br>Cal.<br>2 Colo.<br>L.Cal. |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 15836. fulvus Cr. 73–55<br>37. incisus Schffr. 06–247                                                                                            | Cal.<br>Ariz.                                         | 15839. nigrescens Schffr. 06–248  Cneorane Baly 65–97 (?)                                                                                                   | Utah                              |
| Malacorhinus Jac. 87–582<br>15838. maculatus (Lec.) 84–28                                                                                        | So.Cal.                                               | 15840. acaciæ Schffr. 06–246                                                                                                                                | Tex.                              |
|                                                                                                                                                  | METAC                                                 | YCLINI                                                                                                                                                      |                                   |
| Metacycla Baly 61–206<br>(Gastrogyna Lec. 65–311)<br>15841. insolita (Lec.) 61–338                                                               | L.Cal.                                                |                                                                                                                                                             |                                   |
|                                                                                                                                                  | AGELAS                                                | STICINI                                                                                                                                                     |                                   |
| Exosoma Jac. 03–25<br>(Malacosoma    Chev. 46–4<br>(Agelastica ‡ auct.)                                                                          | 605)                                                  | <b>Exosoma</b> Jac. 1584 <b>5</b> . cimex (Allard) 89–68                                                                                                    | Cal.                              |
| 15842. vittipenne Horn 93–123<br>43. brevicorne Jac. 87–582<br>44. pini Schffr. 06–248                                                           | S.W. Tex.<br>Mex. Ariz. Ut.<br>Ariz.                  | <b>Agelastica</b> Redt. 49–525<br>15846. alni L. 58–369<br>?cœrulea Baly 74–188                                                                             | †Eur.N.J.N.Y.<br>Japan, N.Am.     |
|                                                                                                                                                  | Phylle                                                | CTHRINI                                                                                                                                                     |                                   |
|                                                                                                                                                  | Horr                                                  | n 96                                                                                                                                                        |                                   |
| Phyllecthrus Lec. 65–207<br>15847. parallelus Horn 93–126<br>48. subsulcatus Horn 93–126<br>49. schwarzi Horn 96–377<br>50. gentilis Lec. 65–208 | Tex. Tex. N.Am. Tex. [Ariz. PaGa. Tex. Mont. Ind.     | Phyllecthrus Lec. a. nigripennis Lec. 68–58 b. texanus Lec. 84–28 15851. dorsalis (Oliv.) 08–646 atriventris (Say) 23–461                                   | D.C. Mo. Tex.                     |
|                                                                                                                                                  | GALER                                                 | UCINI                                                                                                                                                       |                                   |
| Galeruca Geoffr. 62–251<br>(Adimonia Laich. 81– nec<br>15852. externa Say 23–458<br>rudis Lec. 57–69                                             | Leach)<br>KanAriz.<br>Wash.                           | Galeruca Geoffr.<br>15853. pomonæ Scop. 63–83<br>. tanaceti‡ auct. nec (L.) 58                                                                              | †Eur. Ind. O.<br>3–369 [Ill.      |
|                                                                                                                                                  | CEROT                                                 | OMINI                                                                                                                                                       |                                   |
| Cerotoma Chev. 43–342<br>15854. trifurcata (Forst.) 71–29<br>caminea (Fab.) 01–459                                                               | Can.N.C.Tex.<br>Fla. [Ind.                            | Andrector Horn 72–152<br>15855. sexpunctatus Horn 72–152<br>56. ruficornis (Oliv.) 91–200                                                                   | Tex.<br>So.Am. Ariz.              |
|                                                                                                                                                  | Agelasini (                                           | Sermylini)                                                                                                                                                  |                                   |
| Agelasa Mots. 60-25<br>(Agelastica ‡ Lec. nec Che<br>(Sermyla Chap. 75-224)                                                                      | v.)                                                   | <b>Monolepta</b> Er. 43–265<br>15857. crucigera Schffr. 06–249                                                                                              | Ariz.                             |
| — halensis (L.) 67–589                                                                                                                           | Sib.Eur. (Ct.?<br>Wis.? La.?)<br>not N.Am.            |                                                                                                                                                             |                                   |
|                                                                                                                                                  | HALTI                                                 | CINÆ                                                                                                                                                        |                                   |
|                                                                                                                                                  | Horn                                                  | 89                                                                                                                                                          |                                   |
|                                                                                                                                                  | Вьерна                                                |                                                                                                                                                             |                                   |
| Blepharida Rogers 56-29<br>15858. rhois (Forst.) 71-21                                                                                           | MassMont.                                             | Blepharida Rogers<br>virginica (Fröl.) 92–129<br>atripennis Horn 95–249                                                                                     | L.Cal.                            |
| meticulosa (Oliv.) 08–531                                                                                                                        | Fla. Tex. Ind.                                        |                                                                                                                                                             |                                   |

<sup>&</sup>lt;sup>1</sup> The termination used by Horn has been altered to conform with that used throughout for tribes, i. e., Horn's Blepharidæ becomes Blepharidini, Monoplati becomes Monoplatini, &c. † Introduced.

# Monoplatini

| Phædromus Clark 60-66<br>15859. waterhousei Clark 60-68 (S.C.?)                     | <b>Hypolampsis</b> Clark 60–230<br>15861. pilosa (Ill.) 07–105<br>hispida (Ziegl.) 46–47 | H.B.T. Fla.                 |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------|
| <b>Pachyonychus</b> Chev. (Horn 89–170)<br>15860. paradoxus Melsh. 47–163 D.C. Ind. | rugosa (Oliv.) 08–707<br>clarki Cr. 73–57<br>62. mellyi Cr. 73–58                        | Tex. [Ind. Or S.C. Pa. Kan. |

# PSEUDOLAMPSINI

| Pseude | olampsis  | Horr   | n 89–174 |     |
|--------|-----------|--------|----------|-----|
| 15863. | guttata ( | (Lec.) | 84-29    | La. |

# **E**DIONYCHINI

| Hamletia Cr. 53–58               | •               | Œdionychis Latr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |
|----------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 15864. dimidiaticornis Cr. 53–58 | Ga. Fla.        | 15877. miniata (Fab.) 01–495                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AtlTex. Ind. |
| paradoxa (Clark) 60-67           |                 | fallax Melsh. 47–162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | [Fla.        |
| 67.4:                            | •               | jocosa Harold 76–124                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |
| Œdionychis Latr. 29–154          |                 | 78. horni Harold 81–142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tex.         |
| $\mathbf{A}$ .                   |                 | 79. ulkei Horn 89–188                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fla.         |
|                                  | M.StTex-        | 80. longula Harold 77–434                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cal.?        |
|                                  | Tex. [Ind. Fla. | 81. jacobiana Horn 89–189                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | So.Ariz.     |
| 67. thoracica (Fab.) 75–821      | AtlColo. Ind.   | The state of the s |              |
| flava (Gmel.) 98–1691            | [Fla.           | В.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |
| 68. vians (Ill.) 07–83           | AtlColo. Ind.   | 82. flavida Horn 89–190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tex.         |
| abdominalis (Oliv.) 08–679       | ) [Fla.         | 83. indigoptera Lec. 78–416                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ga. Fla.     |
| thoracica var. Clark 65–16       |                 | 84. texana Cr. 73–63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tex.         |
| a. scripticollis (Say) 24–84     | Ind.            | 85. thyamoides Cr. 73–63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ind.Tex.Dak. |
| 69. concinna (Fab.) 01–499       | Ga.Tex.Ind.     | 86. limbalis Melsh. 47–162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Mass.Ga.Tex. |
| 70. violascens Lec. 59–81        | So.Cal. [Fla.   | a. subvittata Horn 89–193                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | [Ind.Ct.     |
| 71. lugens Lcc. 59–24            | N.Mex. Ariz.    | 87. sexmaculata (Ill.) 07–104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Me. Mo. Ind. |
| 72. interjectionis Cr. 73–61     | Tex. Mex.       | palliata Rand. 38–47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | [Fla. Ct     |
| a. gracilis Jac. 87–420          | Mex. (U.S.?)    | 88. suturalis (Fab.) 01–499                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ga. Fla.     |
| 73. fimbriata (Forst.) 71–25     | N.C. Fla. Tex.  | 89. quercata (Fab.) 01–495                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AtlColo.Ind. |
| suturella (Say) 27–300           | [Ind.           | obsidiana (Fab.) 01–499                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | [Ct. Fla.    |
| circumcincta Cr. 73–62           | Fla.            | circumdata Rand. 38–48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |
| 74. æmula Horn 89–185            | Ariz.           | 90. scalaris Melsh. 47–163                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M.StGa.Tex.  |
| 75. petaurista (Fab.) 01–495     | N.C. Tex. Fla.  | lobata Lec. 59–24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | [Ind. Fla.   |
| a. brevilineata Horn 89–186      |                 | — ?liturata (Oliv.) 08–707                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S.C.         |
| 76. tenuilineata Horn 89–186     | So.Ariz.        | (see genus Ora)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
|                                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |

# ASPICELINI

| Homophœta Er. 47–172) (Asphæra Chev. 42–227) 15891. æquinoctialis (L.) 58–374 | TexBrazil  | Homophæta Er.<br>15893. abdominalis (Chev.) 35-<br>opacior Cr. 73-60 | 65 Tex. Mex. |
|-------------------------------------------------------------------------------|------------|----------------------------------------------------------------------|--------------|
| quadrinotata (Fab.) 98-98<br>octomaculata Cr. 73–60<br>92. lustrans Cr. 73–60 | Tex. Ariz. | <b>Phydanis</b> Horn 89–198<br>15894. bicolor Horn 89–199            | S.W. Tex.    |

# DISONYCHINI

| Disonycha Chev. 44-80              |               | Disonycha Chev.                 |                  |
|------------------------------------|---------------|---------------------------------|------------------|
| 15895. pennsylvanica (Ill.) 07-146 | Can. No.U.S.  | 15897. crenicollis (Say) 35–200 | N.YMex.          |
| uniguttata (Say) 24–88             | [Ind. So.Cal. |                                 | Fla. Ariz. [Ind. |
| vicina (Kby.) 37–217               |               | 98. caroliniana (Fab.) 75–122   |                  |
| procera Csy. 84–182                | Del.          | quinquevittata (Fab.) 75-       | 118 [Conn.       |
| a. limbicollis Lec. 57–67          |               | alternata (Ill.) 07–144         |                  |
| b. pallipes Cr. 73–64              |               | a. pulchra Csy. 84–51           | Pa.              |
| c. conjugata (Fab.) 01–495         | Fla.          |                                 |                  |
| 96. quinquevittata(Say)24-85       | WisMex.Ind.   | 15900. maritima (Mann.) 43–311  | So.Cal. Nev.     |
| • •                                | So.Cal. Ariz. | 01. glabrata (Fab.) 81–156      | Fla. GaAriz.     |
| puncticollis Lec. 57–67            | [Conn.        |                                 | Ind.             |
| fumata Lec. 58–86                  |               | 02. abbreviata Melsh. 47–163    | M.St.Fla.Tex.    |
| pluriligata Lec. 58–27             |               | a. leptolineata Blatch.17–143   |                  |
| punctigera Lec. 59-24              | Fla.          | 03. tenuicornis Horn 89–208     | So.Ariz.         |
| capitata Jac. 87–316               |               | 04. discoidea (Fab.) 87–25      | N.C. Tex. Ind.   |
| a. pura Lec. 58–86                 | Ariz.         | 05. funerea (Rand.) 38–47       | Ga. Conn.        |

| Disonycha Chev.<br>15906. triangularis (Say) 24-84<br>puncticollis (Kby.) 37-21<br>07. xanthomelæna (Dalm.) 23 | 8-79<br>N.Eng. Fla.                                   | Disonycha Chev.<br>15910. mellicollis (Say) 35–199<br>semicarbonata Lec. 59–25<br>11. collata (Fab.) 01–463 | Ind. La. Tex. [Colo. Fla. Ga. Fla. Ind. Conn. |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| collaris ‡ (Ill.) 07–126<br>08. politula Horn 89–211<br>09. cervicalis Lec. 59–25                              | [Tex. Ind.<br>N.Mex. Ariz.<br>Ga. (Kan.?)             | 12. varicornis Horn 89–210  Hemiphrynus Horn 89–212                                                         | Tex. L.Cal.                                   |
| 001 001 11001 D 2001 00 20                                                                                     | (220211)                                              | 15913. intermedius (Jac.) 87–293                                                                            | So.Ariz.                                      |
| A                                                                                                              | Mniop.                                                |                                                                                                             |                                               |
| <b>Argopistes</b> Mots. 60–236<br>15914. scyrtoides Lec. 78–416                                                | Fla.                                                  | <b>Sphæroderma</b> Steph. 34–328<br>15915. opima Lec. 78–417                                                | Ill. N.C. Tex.                                |
|                                                                                                                | Halt                                                  | ICINI                                                                                                       |                                               |
| Haltica Geoffr. 62–244                                                                                         |                                                       | Haltica Geoffr.                                                                                             |                                               |
| (Hermiophaga Foudr. 59-<br>(Graptodera ‡ auct.)<br>(Caporis Clark 65-399)                                      |                                                       | 15933. carinata Germ. 24–610<br>exapta Say 32–6<br>34. torquata Lec. 58–27                                  | Vt.Pa.So.Cal.<br>Fla.<br>Kan.Fla. Me.         |
| 15916. bimarginata Say 24-85 plicipennis Mann. 43-310                                                          | So.Cal. Can. Pa. Alas. May Ind                        | 35. californica Mann. 43–310<br>36. obliterata Lcc. 59–26<br>37. evicta Lec. 59–286                         | Cal. So:Cal.<br>Ariz. N.Mex.<br>Or.           |
| prasina Lec. 57–67<br>ambiens Lec. 59–25<br>subplicata Lec. 59–25                                              | WICA: IIId:                                           | 38. convicta Fall 10–155<br>39. æruginosa Lec. 59–286<br>40. obolina Lec. 57–67                             | So.Cal.<br>So.CalOr.<br>So.& No.Cal.          |
| 17. chalybea Ill. 07–115<br>vitivora Thomas 34–113                                                             | N.Eng. Fla.<br>[Ind. Tex.                             | 41. amœna Horn 89–225<br>42. marevagans Horn 89–226                                                         | Ga. [Nev. ConnFla.                            |
| 18. nana Cr. 73–72<br>nanula Lec. 84–29                                                                        | S.C. Fla.                                             | 43. tombacina Mann. 53–259<br>44. ovulata Fall 10–156                                                       | Alas. Cal.<br>Colo. [Mont.                    |
| 19. nigritula Linell 98–484<br>20. ignita Ill. 07–117                                                          | Tex.<br>H.B.TFla.                                     | 45. tincta Lec. 59–286                                                                                      | Nev. Or. Cal.<br>Mont.                        |
| kalmiæ Melsh. 47–164<br>inærata Lec. 60–317                                                                    | [Tex.Ind.                                             | 46. foliacea Lec. 58–86 punctipennis Lec. 59–25                                                             | Mo. Ariz. Cal.<br>So.Cal.                     |
| 21. rosæ Woods 18–174                                                                                          | Me. Conn.<br>N.Y.<br>Me. Conn.                        | 47. lazulina Lec. 57–67 48. polita Oliv. 08–706                                                             | Colo. Mont.<br>Wash.                          |
| 22. corni Woods 18–156<br>23. ulmi Woods 18–182<br>24. cuprascens Blatch.10–120                                | Me. Conn. Pa.                                         | 49. fuscoænea Melsh. 47–165<br>50. knabi Blatch. 10–1203                                                    | S.C. Ga.<br>Mass.Ga.Ind.<br>Ind.              |
| 25. ænescens Blatch.10–1202                                                                                    | Ind.                                                  | 51. opulenta Horn 89–230                                                                                    | So.Ariz.                                      |
| 26. litigata Fall 10–154<br>27. schwarzi Blatch. 14–141                                                        | $egin{array}{c} 	ext{Fla.} \\ 	ext{Fla.} \end{array}$ | 52. ludoviciana Fall 10–157<br>53. floridana Horn 89–230                                                    | La.<br>Fla.                                   |
| 28. vaccinia Blatch. 16-94                                                                                     | Fla.                                                  | 54. burgessi Cr. 73–71                                                                                      | Fla.                                          |
| 29. probata Fall 10–153                                                                                        | Cal.                                                  | 55. rufa Ill. 07–153                                                                                        | Mass. Ill. Ind.                               |
| 30. suspecta Fall 10–154<br>31. nitidiventris Fall 10–155                                                      | So.Cal.<br>L.Cal.                                     | 56. scutellaris Oliv. 08–699<br>57. testacea Fall 10–157                                                    | [Fla. Tex.                                    |
| 32. vicaria Horn 89–222                                                                                        | Mass.Fla.Ariz.                                        | 58. texana Schffr. 06–250<br>59. oleracea (L.) 35–593                                                       | Tex. Greenland?                               |
|                                                                                                                | Lact                                                  | ICINI                                                                                                       |                                               |
| Lactica Er. 47-173                                                                                             |                                                       | Diphaulaca Clark 65–377                                                                                     | 751 7 7                                       |
| 15960. tibialis (Oliv.) 08–697<br>ocreata (Say) 32–7<br>xanthochroa Harold 75–89                               | N.C. Fla. La.                                         | 15964. bicolorata Horn 89–234                                                                               | Mich.La.Kan.<br>Ga. Fla.                      |
| 61. iris (Oliv.) 08–702<br>specularis Harold 75–89                                                             | Md. Ga. Ind.<br>Fla.                                  | Trichaltica Harold 76–2<br>15965. scabricula (Cr.) 73–71                                                    | OTex. Ind.                                    |
| 62. bumeliæ Schffr. 05–172<br>63. infuscata Schffr. 06–250                                                     | Tex. Tex.                                             | 66. virescens Schffr. 06–251                                                                                | Ariz.                                         |
|                                                                                                                | Crepin                                                | ODERINI                                                                                                     |                                               |
| Hemiglyptus Horn 89-237                                                                                        | OMEI ID                                               | Crepidodera Chev. 44-334                                                                                    |                                               |
| 15967. basalis (Cr.) 74–80                                                                                     | Cal. So.Cal.                                          | 15969. erythropus Melsh. 47–168<br>?rufipes (L.) 58–373                                                     | Eur. [Colo.                                   |
| Chalcoides Foudr. 60-312<br>15968. helxines (L.) 58-373                                                        | Ind.                                                  | 70. æsculi Dury 06–253<br>71. longula Horn 89–240                                                           | Ohio<br>Kan. Ind.                             |
| nana (Say) 24-86                                                                                               | AtlPac. Fla.<br>Ariz. So.Cal.                         | 71. longula 11011 35-240 72. pallida Fall 10-158 73. robusta Lec. 74-274                                    | No.Cal.<br>N.H.                               |
| violacea (Melsh.)<br>opulenta (Lec.)                                                                           | [Eur. Sib.<br>[Greenland                              | 74. atriventris Mclsh. 47–165 $74\frac{1}{2}$ . carinata Lincll 97–484                                      |                                               |
| <sup>1</sup> Also spelled Altica.                                                                              |                                                       |                                                                                                             |                                               |

| Crepidodera Chev. 15975. nitens Horn 89–243 76. peninsularis Horn 95–249  Hippuriphila Foudr. 60–306 15977. modeeri (L.) 61–167  mancula (Lec.) 61–358  Sangaria Harold 76–13 15978. flexicaulis Schffr. 06–172  Epitrix Foudras 60–308 15979. fuscula Cr. 73–72 80. humeralis Dury 06–253 81. lobata Cr. 73–72 82. cucumeris Har. 51–103 pubescens (pars) Ill. 07–53 seminulum Lec. 61–358                                                                                | Ill. Ind. L.Cal.  Sib.Eur. Can. Mich. Ind. Or. [H.B.T. Cal.  Tex.  AtlMo. Ind. O. Ind. Kan. N.C. Fla. Mass. Ga. Ind. [Cal. So.Cal. | Epitrix Foudras 15983. brevis Sz. 78–367 84. fasciata Blatch. 18–56 85. subcrinita Lec. 57–68  86. parvula (Fab.) 01–468 hirtipennis (Melsh.) 47–16 87. flavotestacea Horn 94–407  Orthaltica Cr. 73–69 15988. copalina (Fab.) 01–466 forticornis (Ill.) 07–111 89. melina Horn 89–249  Leptotrix Horn 89–249 15990. recticollis (Lec.) 61–358 |                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Тлирора                                                                                                                            | LTICINI                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LUPERA                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                       |
| Luperaltica Cr. 73–70<br>15991. fuscula (Lec.) 65–206<br>nigripalpis (Lec.) 65–206                                                                                                                                                                                                                                                                                                                                                                                         | Pa.Va.Ia.Kan.                                                                                                                      | Luperaltica Cr. 15992. senilis (Say) 24–87 tincta (Lec.) 65–206                                                                                                                                                                                                                                                                                | Pa. Ind. Ill.                                                                                                                                                                                         |
| Arsipodini                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                    | Euplectroscelini                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                       |
| <b>Mantura</b> Steph. 31–323<br>15993. floridana Cr. 73–73                                                                                                                                                                                                                                                                                                                                                                                                                 | Mass.Fla.Tex.                                                                                                                      | Euplectroscelis Cr. 73-75<br>15994. xanti Cr. 73-75                                                                                                                                                                                                                                                                                            | L.Cal.                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | СнÆт                                                                                                                               | OCNEMINI                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                       |
| Charles Charle 21 205                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cimai                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                | •                                                                                                                                                                                                     |
| Chætocnema Steph. 31–325 15995. cribrata Lec. 78–419 96. perturbata Horn 89–257 97. irregularis Lec. 57–69 rudis Lec. 78–615 98. subcylindrica Lec. 78–419 99. protensa Lec. 78–417 16000. brunnescens Horn 89–259 01. denticulata (Ill.) 07–163  semichalcea Melsh. 47–16 americana Mots. 60–235 texana Cr. 73–74 02. cribrifrons Lec. 79–547  03. pinguis Lec. 78–417 04. æmula Horn 89–261 05. opacula Lec. 78–418  06. minuta Melsh. 47–167 07. carinata Linell 98–484 | Colo. Mich.<br>Fla. [Md. Ind.<br>N.Eng. Fla.<br>Tex.                                                                               | Chætocnema Steph.  16008. alutacea Cr. 73–74  09. subviridis Lec. 59–27  10. opulenta Horn 89–264  11. obesula Lec. 78–418  12. ectypa Horn 89–265  13. parcepunctata Cr. 73–74                                                                                                                                                                | Ga. Fla. So.Cal. Kan. Cal. So.Cal.N.Mex. Fla. [Ind. So.Cal. Ariz. Mass.Fla.Tex. L.I. [Ind. Pa. N.C. Ind. Colo. Conn. [Fla. N.C. Fla. ConnFla.Ind. [Cal. N.Mex. Kan. Colo. No.Ga. [Dak. Fla. N.J. Kan. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Syst                                                                                                                               | ENINI                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                       |
| <b>Systena</b> Clark 65–378<br>16022. hudsonias (Forst.) 71–26<br>frontalis ‡ Ill.) 07–155 par                                                                                                                                                                                                                                                                                                                                                                             | AtlColo.Ind.                                                                                                                       | Systena Clark<br>16027. elongata (Fab.) 98-99                                                                                                                                                                                                                                                                                                  | S.C. Ga. Ind.<br>Fla.                                                                                                                                                                                 |

| <b>Systena</b> Clark         |               |
|------------------------------|---------------|
| 16027. elongata (Fab.) 98–99 | S.C. Ga. Ind. |
|                              | Fla.          |
| 28. tæniata (Say) 24–294     | Conn. So.Cal. |
|                              | Ariz.         |
|                              | N.Eng. Dak.   |
|                              | Cal. Nev.     |
| ochracea (Lec.) 58–87        | Cal. Ariz.    |
|                              |               |

| Systena Clark<br>mitis (Lec.) 58–87<br>bitæniata (Lec.) 59–36<br>pallidula (Boh.) 58–192 | Nev.Cal.Ariz.<br>Ariz.<br>Ariz. | Systena Clark<br>16029. marginalis (Ill.) 07–150<br>oblonga (Lec.) 24–173<br>30. sexnotata Fall 10–159 | Mass.Fla.Mo.<br>[Ind.<br>Tex.   |
|------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                          | Oxyg                            | ONINI                                                                                                  |                                 |
| Dysphenges Horn 94-408                                                                   | r O l                           |                                                                                                        |                                 |
| 16031. elongatulus Horn 94–409                                                           | L.Cal.                          |                                                                                                        |                                 |
|                                                                                          | Арнтн                           | IONINI                                                                                                 |                                 |
| Longitarsus Latr. 29–155                                                                 |                                 | Glyptina Lec.                                                                                          |                                 |
| 16032. varicornis Suffr. 68–215<br>subcinctus Harold 76–30                               | Cuba,<br>S.Am. Mex.             | 16061. spuria Lcc. 59–26 lissotorques Lec. 59–26                                                       | Pa. Fla. Dak.<br>Pa. [Ind.      |
| heliophyti Horn 89–278                                                                   | Fla. Ala. Tex.                  | 62. cerina (Lec.) 57–68                                                                                | So.Cal. Ariz.                   |
| 33. subrufus Lec. 59–26                                                                  | Kan. Ind.<br>Mich.Ala.Tex.      | 63. atriventris Horn 89–292                                                                            | (Fla.?)<br>Tex. Colo.           |
| 34. turbatus Horn 89–279<br>35. oregonensis Horn 89–280                                  | Or. [Ind.                       | os. attiventus from 89–292                                                                             | So.Cal. Ariz.                   |
| 36. traductus Horn 89–280                                                                | S.W.Va.                         | Phyllotreta Fondras 60-230                                                                             | •                               |
| 37. postremus Horn 89–280<br>38. repandus Lec. 58–87                                     | W.Nev.<br>So.Cal. Ariz.         | (Orchestris ‡ Cr. 73–65)                                                                               |                                 |
| 39. livens Lec. 58–87                                                                    | So.Cal.                         | A.<br>16064. lepidula (Lec.) 57–68                                                                     | Cal. So.Cal.                    |
| 40. vanus Horn 89–282<br>41. occidentalis Horn 89–282                                    | Tex. Ariz.<br>Colo. Ut. Ariz.   | 65. sinuata (Šteph.) 31–297                                                                            | Sib. Eur. Atl                   |
| 42. bicolor Horn 89–282                                                                  | N.Mex.                          | zimmermanni (Cr.) 73–66                                                                                | Mo.Ind.Mich. [Pa.               |
| 43. alternatus (Zieg.) 46–271<br>rubicundus (Melsh.) 47–1                                | Pa. Ind. Colo.                  | 66. vittata (Fab.) 01–469                                                                              | AtlInd. Fla.                    |
| rubidus Lec. 59 <u>′</u> 26                                                              |                                 | striolata Ill. 07–293                                                                                  | (So.Cal.?)                      |
| 44. montivagus Horn 89–283<br>45. erro Horn 89–284                                       | So.Cal. Nev.<br>L.Sup. Ind.     | 67. oregonensis (Cr.) 73–66                                                                            | Or. Nev.                        |
| 46. pygmæus Horn 89–284                                                                  | Ga. Fla.                        | 68. robusta Lec. 78–614<br>69. denticornis Horn 89–297                                                 | Colo. Ind.                      |
| 47. testaceus Melsh. 47–166                                                              | Pa. Ga. Ind.<br>Fla. [Fla.      | 70. ulkei Horn 89–298                                                                                  | Ohio                            |
| 48. cotulus Blatch. 14–141<br>49. melanurus Melsh. 47–166                                | Fla. [Fla. Fla. N.C.            | 71. decipiens Horn 89-298                                                                              | Or. Wash.                       |
| 70f II 00 00"                                                                            | Ind. Mo.                        | 72. albionica (Lec.) 57–68 B.                                                                          | Cal. So.Cal.                    |
| 50. rufescens Horn 89–285<br>51. insolens Horn 89–286                                    | Cal.<br>Va.N.J.Conn.            | 73. ramosa (Cr.) 74–80                                                                                 | Cal. So.Cal.                    |
| 52. perforatus Horn 89–286                                                               | Fla.                            | 74. bipustulata (Fab.) 01–464<br>75. armoraciæ (Koch) 03–75                                            | Conn.S.C.Ind.<br>Eur. Ind. N.J. |
| 53. solidaginis Horn 89–286<br>54. nitidellus Ckll. 88–4                                 | Fla.<br>Ariz. N.Mex.            | 76. chalybeipennis(Cr.)73-67                                                                           | MassFla.                        |
|                                                                                          | Colo.                           | 77. lewisi (Cr.) 73–66                                                                                 | Cal. Ariz. Tex.                 |
| 55. mancus Lcc. 58–87<br>apterus Lec. 58–87                                              | Cal. So.Cal.                    | 78. æneicollis (Cr.) 73–67                                                                             | Ind.<br>Kan. Tex. Ind.          |
| — californicus (Mots.)45–38                                                              | 2 (Cal.?) (Tex.?)               | 79. lindahli Dury 06–254                                                                               | Ohio                            |
| Glyptina Lec. 59-26                                                                      |                                 | 80. pusilla Horn 89–302                                                                                | Dak. Tex<br>Ariz. So.Cal.       |
| (Batophila ‡ Lec. nec Fou                                                                |                                 | 81. picta (Say) 24–87                                                                                  | N.C. Fla. Tex.                  |
| 16056. bicolor Horn 89–289                                                               | Fla. Ga. La.<br>Kan. Ind.       | Aphthona Chev. 42–5                                                                                    | Ind.                            |
| 57. arizonica Schffr. 06–252                                                             | Ariz.                           | (Cerataltica Cr. 73–73)                                                                                |                                 |
| 58. cyanipennis Cr. 73–65<br>59. nivalis Horn 89–290                                     | Fla. Tex. Ind.<br>N.Mex.        | 16082. texana (Cr.) 73–67<br>83. socia Horn 89–304                                                     | Tex.Colo.Neb.                   |
| 60. brunnea Horn 89–291                                                                  | Fla. Ga. La.                    | 84. insolita (Melsh.) 47–168                                                                           | Pa. Fla. Ind.                   |
|                                                                                          | Wis. Tex.                       | — subglobosa Mots. 45–381                                                                              | Cal.                            |
|                                                                                          | Dire                            | DLIINI                                                                                                 |                                 |
| Dibolia Latr. 29–155                                                                     | 2.20                            | Dibolia Latr.                                                                                          |                                 |
| 16085. sinuata Horn 89–307                                                               | Tex.                            | 16087. ovata Lcc. 59–286                                                                               | Cal. Nev.                       |
| 86. borealis Chev. 45–307<br>ærea Mclsh. 47–167                                          | Can. E.U.S. [Ind.               | 88. libonoti Horn 89–308                                                                               | (So.Cal.?)<br>Ariz.             |
| terett i i i i i i i i i i i i i i i i i i                                               | Į TIG.                          |                                                                                                        |                                 |
|                                                                                          | Psyll                           | IODINI                                                                                                 |                                 |
| Psylliodes Latr. 29-154                                                                  | 6 Can Wash                      | Psylliodes Latr.                                                                                       | So Col. El-                     |
| 16089. punctulata Melsh. 47–16                                                           | Tex. Ind. Fla.                  | 16090. convexior Lcc. 57–69<br>interstitialis Lec. 58–67                                               | So.Cal. Fla. [D.C. Ind.         |
| parvicellis Lec. 57–69                                                                   | [So.Cal.<br>N.J.                | 91. guatemalensis Jac. 87–394                                                                          | 4 Ariz.                         |
| extricata Csy. 84–54 & enescens Csy. 84–55                                               | N.J.<br>L.I.                    | 92. sublævis Horn 89–321<br>93. elegans Horn 89–311                                                    | S.W.Utah<br>Fla. Kan.           |
|                                                                                          |                                 |                                                                                                        |                                 |

## HISPINÆ

Crotch 73; Horn 83; Weise 11

## CEPHALOLIINI

Stenispa Baly 58-13 16094. metallica (Fab.) 01-66

Fla.S.C.M.St. N.Eng. Ind. Stenispa Baly 16095. collaris Baly 58–163

La.Okla.Mich. Tex.

brevicollis (Rand.) 38-48 Tex.

## CHALEPINI

| Anisostena Weise 10-120       |               | Chalepu    |
|-------------------------------|---------------|------------|
| (Charistena ‡ Cr. Horn)       | . 1 0 771     | 16108. w   |
| 16096. nigrita (Oliv.) 08–778 | Atl. St. Fla. | co         |
| 97. suturalis Weise 07–205    | Ariz.         | 09. bi     |
| 98. nunenmacheri Weise 07–2   | 06            | ba         |
|                               | Ariz.         | (2         |
| 99. perspicua Horn 83–298     | Ariz. N.Mex.  | 10. at     |
| 16100. bicolor Smith 85–95    | N.Mex.        | or or      |
| 01. funesta Baly 85-46        | Mex. Ariz.    |            |
| 02. ariadne Newn. 40-77       | S.C. Fla.     | a. cr      |
| 03. lecontei Baly 64–252      | Fla.          | 11. sc     |
| ·                             |               | la<br>10   |
| Anoplitis Chap. 75-316        |               | 12. no     |
| (Odontota ‡ Horn)             |               | 13. do     |
| 16104. gracilis (Horn) 83–298 | Tex.          | SC<br>1.   |
| 05. inæqualis (Web.) 01–65    | AtlMo.Ind.    | ha<br>14 h |
| baucis (Newn.) 38–390         |               | 14. ho     |
| flavipes (Germ.) 24–529       |               | sn         |
| ?nervosa (Panz.) 98–81        |               | — co       |
| dentata ‡ Panz. nec Fab.      | 98-92         | ru         |
| obsoleta (Say) 23-432         | 00 02         | Baliosus   |
| pallida (Say) 23–432          |               | 16115. ca  |
| quercifoliæ Harr. 35–141      |               | 10115. Ca  |
| suturalis (Fab.) 01–63        |               | 16. ru     |
| 06. rosea (Web.) 01–66        | N.Am.Mex.     | 10. 10     |
| a. philemon (Newn.) 38–390    |               | ***        |
| 07. lateritia (Smith) 85–95   | Ariz.         | m          |
| or. fateritia (bilitin) 55 55 | 2 2 1 x//.    | m          |
| Chalance Thunh 05 999         |               | pa         |
| Chalepus Thunb. 05–282        |               | qı         |
| (Odontota ‡ Cr. Horn)         |               | ru         |

| Chale  | pus Thunb.                 |                 |
|--------|----------------------------|-----------------|
| 16108. | walshi (Cr.) 73–81         | Ill. Ark. Colo. |
|        | collaris    Say 23–433     | [Ariz.          |
| 09.    | bicolor (Oliv.) 92–96      | Ct.Fla.Atl.St.  |
|        | bacchus (Newn.) 40–76      | [Ind.           |
|        | (Xenochalepus Weise 10-13  | 36)             |
| 10.    | ater Weise 05–134          | Mex. Ariz.      |
|        | omoger (Chap.) 77-12 & H   |                 |
| a.     | crotchi Weise 10-144       |                 |
| 11.    | scapularis (Oliv.) 08-766  | Ind. Conn       |
|        | lateralis (Say) 23–431     | [Ariz.Fla.      |
| 12.    | notatus (Oliv.) 08–774     | N.C. Fla.       |
| 13.    | dorsalis Thunb. 05–282     | M.&.S.St. Ind.  |
|        | scutellaris (Oliv.) 08–771 |                 |
|        | harrisi (Cr.) 73–81        |                 |
| 14.    | horni (Smith) 85–94        | Atl.St. Ind.    |
|        | smithi Donck. 99–592       |                 |
| _      | collaris Thunb. 05–282     | N.Am.?          |
|        | rufigaster Thunb. 05–282   | N.Am.?          |
| Balios | us Weise 05–64             |                 |
|        | californicus (Horn) 83–297 | Ariz Mex        |
| 10110. | (22011) 00 201             | So.Cal.         |

# 16115. californicus (Horn) 83–297 Ariz.Mex. So.Cal. 16. ruber (Web.) 01–66 N.&C.Am. Ind.Conn.Fla. marginatus (Say) 24–292 marmoratus (Baly) 85–60 pallipes (Germ.) 24–529 Ky. quadratus (Fab.) 01–60 rubellus (Schön.) 17–7

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| Brachycoryna Baly 86–89          |               | Pentispa Chap.                |               |
|----------------------------------|---------------|-------------------------------|---------------|
| 16117. horni Weise 05–319        | Cal.          | dimidiata (Horn) 83–292       |               |
| melsheimeri ‡ Horn 83–29         | 4             | 16128. suturalis Baly 85–51   | Mex. Ariz.    |
|                                  | So.Cal.       | arizonica (Schffr.) 06–253    |               |
| 18. longula Weise 07–207         | Ariz.         | a. vittula Weise 11–73        |               |
| 19. ?melsheimeri (Cr.) 73–83     | Pa.           |                               |               |
| 20. montana (Horn) 83-294        | Mont.         | Microrhopala Baly 64–268      |               |
| 21. pumila Guér. 44–280          | Mex. Tex.     | 16129. vittata (Fab.) 98–117  | AtlColo. Ind. |
| •                                |               | a. laetula (Lec.) 59–27       | KanOr.        |
| Stenopodius Horn 83-301          |               | 30. xerene (Newn.) 38–290     | Atl. St. Ind. |
| 16122. flavidus Horn 83–301      | So.Cal. Ariz. | a. interrupta Couper 65–63    | Can.          |
| <b>a</b> C. C. C. C. C. A. A.    |               | 31. rubrolineata (Mann.) 43-3 | 307           |
| Octotoma Suffr. 68–234           |               | (,                            | Cal. So.Cal.  |
| 16123. marginicollis Horn 83–300 |               |                               | Can bo.Can    |
| 24. plicatula (Fab.) 01–63       | Ill.Tex. Ind. | a. signaticollis (Lec.) 59-84 |               |
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| Uroplata Baly 64–335             |               | b. vulnerata Horn 83–292      | Ariz.         |
| 16125. nigella Weise 07–208      | Ariz.         | 32. floridana Sz. 78–369      | Fla.          |
| 26. porcata (Melsh.) 46–161      | Pa. Ill. Fla. | 33. excavata (Oliv.) 08–775   | Ind. Can. Ga. |
| ?pluto (Newn.) 40–77             | [Conn.        | 34. erebus (Newn.) 40–77      | Fla. [Tex.    |
| ·praco (1 ·o···m) 10 · ·         | [COMM.        | 35. cyanea (Say) 23–433       | Mo.Colo.Tex.  |
| Pentispa Chap. 75–322            |               | hecate (Ncwn.) 40–77          |               |
| 16127. melanura Chap. 77–22      | Mex. Tex.     | 36. uniformis Smith 85-94     | Ariz.         |
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#### MYLABRIDÆ

(= Bruchidæ) Mylabroidea Pierce 16–462

Horn 73, 85; Schaeffer 07; Fall 10, 12; Pic 13

 Pachymerus Thunb. 05–282
 Mylabris Müll. 64–14

 (Caryoborus Schön. 33–92)
 (Bruchus L. 67–604)

 16163. gleditsiæ (L.) 67–605
 Cuba, N.Am.
 (Laria Scop. 63–21)

 arthriticus (Fab.) 01–398
 Tex. Fla.
 (Acanthoscelides Schil. 05–C)

 64. veseyi (Horn) 73–312
 L.Cal.
 (Bruchidius Schil. 05–B)

| Mylab  | ris Müll.                                             |                          |     | oris Müll.                                           | m                             |
|--------|-------------------------------------------------------|--------------------------|-----|------------------------------------------------------|-------------------------------|
|        | (Callosobruchus Pic 02–6)<br>(Pachybruchus Pic 12–92) |                          |     | sordidus Horn 73–317                                 | TexL.Cal.<br>So.Cal.          |
| 16165. | I.<br>pisorum (L.) 58–356                             | Cosmop.Ind.              |     | subæneus Schffr. 07–298<br>VI. VII.                  | Tex.                          |
|        | pisi L. 67–604                                        | So.Cal.<br>AtlPac.       | 95. | protractus Horn 73–330                               | Ariz.Tex<br>L.Cal.So.Cal.     |
|        | cruciger Geoffr. 85–112<br>salicis (Scop.) 63–22      | 2000                     |     | amicus Horn 73–331<br>sallei Sharp 85–475            | Tex. Ariz.<br>Mex. Tex.       |
| 66.    | rufimanus Boh. 33–58,<br>fabæ Mots. 54–6              | Cosmop.N.J.              | 98. | uniformis Lec. 58–77<br>desertorum Lec. 58–78        | Tex.L.Cal.<br>Tex.L.Cal.      |
|        | ?granarius Marsh. 02–235                              |                          |     | prosopis Lec. 58–77                                  | So.Cal.Tex.<br>L.Cal.Ariz.    |
|        | II.<br>(Pseudopachymerus Pic 13-                      |                          |     | prosopoides Schffr. 07–299<br>bisignatus Horn 73–330 |                               |
| 67.    | mimus Say 31–2<br>borealis Schön. 39–132              | M.St.Kan.<br>[Tex. Ind.  |     | macrophthalmus Schffr. 07                            | N.Mex.                        |
|        | cratægi Fåhr. 39–119<br>ınurinus Schön. 39–132        |                          |     | speciosus Schffr. 07–301                             | Tex.<br>So.Ariz.              |
|        |                                                       |                          |     | pectoralis Horn 73–330                               | Tex. Ind.                     |
|        | gibbithorax Schffr. 04–230                            | ACM/TA                   |     | ochraccicolor Pic 13–110                             | Tex.                          |
| 70.    | texanus Schffr. 04–231                                | Tex.                     |     | ochraceus    Schffr. 07–303                          |                               |
|        | III.                                                  | ~ 5                      |     | floridæ Horn 73–332                                  | Fla.                          |
| 71.    | chinensis (L.) 58–386                                 | Cosmop.D.C.              | 06. | innotatus Pic 12–92                                  | M. St.                        |
|        | adustus Mots. 73–228                                  | Va.                      | 07  | inornatus    Horn 73–330                             | C D C-1                       |
|        | adustus Mots. 73–228                                  | La.Ga.Fla<br>Miss.       |     | griseolus Fall 10–175<br>collusus Fall 10–176        | S.E.Cal.<br>So.Cal.           |
|        | pectinicornis L. 67-605                               | Tenn.Tex.                |     | perplexus Fall 10–177                                | N.Mex. S.Cal.                 |
|        | rufus DeG. 75–281 ♀                                   | So.Am.                   |     | obsoletus Say 31–2                                   | Ind.D.C.                      |
|        | scutellaris Fab. 92–372 ♀                             | •                        |     | distinguendus Horn 73–33                             | 1                             |
| 70     | ?biguttellus Schön. 33–42                             | 024                      |     |                                                      | Fla. Ga. Ala.                 |
| 72.    | quadrimaculatus Fab. 92-3                             | 371<br>So.St.D.C.        | 11  | longistilus Horn 73–331                              | Ind. Ind. Mass                |
|        |                                                       | N.J. Conn.               | 11. | iongistinus mont (5–551                              | Tenn. Fla.                    |
|        |                                                       | Tex.Fla.W.I.             | 12. | pugiunculus Fall 10-178                              | So.Ariz.                      |
|        |                                                       | So.Eur.Africa            | 13. | biustulus Fall 10–178                                | So.Ariz.                      |
|        | ?sinuatus Schön. 39-8                                 |                          |     | pulloides Fall 10–179                                | N.Mex.                        |
| 72     | ?maculatus Fab. 75–65<br>ambiguus Schön. 39–11        | La.                      | 15. | pauperculus Lee. 57–52<br>aureolus Horn 73–328       | So.Cal. Ariz.<br>Ariz. W.U.S. |
| 10.    |                                                       |                          |     | aureorus from 75–528                                 | So.Cal.                       |
| 74     | IV. $(=Pachybra)$                                     |                          |     | pullus Fall 10–180                                   | Cal.                          |
|        | coryphæ Oliv. 95–16<br>discoideus Say 23–307          | Ga.Tex.Fla.<br>N.J. Man. |     | brunneostictus Fall 12–322                           |                               |
| 10.    | discorded bay 20 507                                  | Colo.                    | 18. | alboscutellatus Horn 73–33                           |                               |
|        | leucosomus Sharp 85-488                               | Mex.L.Cal.               | 19  | mixtus Horn 73–331                                   | N.J. Fla. La.<br>Utah [Ind.   |
| 77.    | impiger Horn 73–321                                   | Tex.Ariz.So.             |     | inquisitus Fall 10–180                               | Cal.                          |
|        | ramicornis    Boh. 58–112                             | [Cal.                    |     | obtectus Say 31–1                                    | Cosmop. Ind.                  |
|        | ?cubiculus Csy. 84–183<br>arenarius Wolc. 12–162      | Ariz.<br>Ill.            |     | fabæ Riley 71–52                                     | [So.Cal.                      |
|        | serratifemur Schffr. 07–294                           |                          |     | breweri Cr. 67–389                                   |                               |
|        | crenatus Schffr. 09–385                               | So.Ariz.                 |     | irresectus Fåhr. 39–18                               |                               |
|        | V.                                                    |                          |     | pallidipes Fåhr. 39–91<br>subellepticus Woll. 54–420 |                               |
| 81.    | ulkei Horn 73–324                                     | Ariz.                    |     | obsoletus ‡ auct. nec Say                            |                               |
|        | bivulneratus Horn 73–324                              |                          |     | ?varicornis Mots. 73–239                             |                               |
|        | abbreviatus Dohrn 79-187                              |                          | 22. | hibisci Oliv. 95–21                                  | E.U.S. Ind.                   |
|        | auctus Fall 10–166                                    | So.Ariz.                 |     | transversus Say 31–3                                 |                               |
|        | discopterus Fall 10–167                               | So.Cal.                  |     | rufovittatus Schffr.07–303                           |                               |
|        | depressus Fall 12–321<br>discolor Horn 73–324         | Fla.<br>TexAriz.         |     | schrankiæ Horn 73–331<br>chiricahuæ Fall 10–181      | Mo.<br>So.Ariz.               |
|        | limbatus Horn 73–324                                  | Tex.Ariz.                |     | aqualis Sharp 85–481                                 | Tex.                          |
| 0      | 11000000                                              | L.Cal.So.Cal.            |     | perforatus Horn 73–331                               | Kan.Can.Ariz.                 |
| 88.    | cruentatus Horn 73–324                                | N.Y.Dak.Tex.             |     | lobatus Fall 10–182                                  | N.Mex.                        |
|        |                                                       | Fla.                     |     | subserripes Fall 10–183                              | W.Tex.                        |
|        | simulans Schffr. 07–296                               | So.Ariz.                 |     | fumatus Schffr. 07–302                               | So.Ariz.                      |
| 90.    | nigrinus Horn 73–324                                  | M.St.Conn.               | 31. | calvus Horn 73–331                                   | Ind. Mass.                    |
| 91.    | pruininus Horn 73–324                                 | N.Y.<br>Tex.Ariz.        | 32. | fraterculus Horn 73–331                              | Tenn.<br>Ind. Cal.            |
|        | muth min - Di 19 49                                   | So.Cal.                  | 60  | VIII                                                 | DI C C                        |
| 92.    | pythonicus Pic 13–43<br>pygidialis    Schffr. 07–297  | So.Ariz.                 | 33. | horni Pic 12–92                                      | FlaSo.Cal.                    |
|        | pygidians [[Schiff: 07-297                            |                          |     | exiguus    Horn 73–341                               | [Ind.                         |

| Mylab             | ris Müll.                   |                | Mylab  | ris Müll.                   |               |
|-------------------|-----------------------------|----------------|--------|-----------------------------|---------------|
| 16234.            | schaefferi Pic 12–92        | Tex.           |        | nictitans Mots. 73–241      | N.Am.         |
|                   | rufescens   Schffr. 07–304  |                | _      | pallidipennis Mots.73–210   | N.Am.         |
|                   | placidus Horn 73–341        | Tex. Ariz.     |        | pulicarius Mots. 73–233     | N.Am.         |
| 36.               | musculus Say 31–3           | Ind. Mass. Ga. | _      | rufus Mots. 73-223          | N.Am.         |
|                   |                             | Mich. Fla.     |        | simplex Mots. 73–220        | N.Am.         |
|                   | VIII A                      |                |        |                             |               |
| 37.               |                             | L.Cal. Tex.    | Sperm  | ophagus Schön. 33–102       |               |
|                   | ochreolineatus Fall 10–186  |                | 16245. | eustrophoides Schffr. 05-22 | 28            |
| 38.               | quadridentatus Schffr. 07-  |                |        |                             | Fla.          |
|                   |                             | Tex.           | 46.    | hoffmannseggi Gyll. 33–10   |               |
| 39.               | major Fall 12–321           | Tex.           |        |                             | E.U.S. Ind.   |
|                   | IX                          |                |        | robiniæ    (Oliv.) 95–7     | ~ -           |
| 40.               | macrocerus Horn 73–342      | N.J. D.C.      |        | robiniæ Fab. 81–75          | So.Russia     |
|                   |                             | Tenn. Ind.     | 47.    | vitis Schffr. 07–293        | Ariz.         |
| 41.               | compressicornis Schffr. 07- | -305           |        |                             |               |
|                   |                             | Tex.           |        | tes Horn 85–156             |               |
|                   | flavicornis Sharp 85–480    | Tex. L.Cal.    |        | cruciger Horn 85–157        | Colo.         |
| 43.               | seminulum Horn 73–342       | Fla. Kan. Ind. | 49.    | spectabilis Horn 85–157     | Ariz. Nev.    |
|                   |                             | So.Cal. Ariz.  |        |                             | So.Cal.       |
|                   | atomus Fall 10–188          | Mass. N.Y.     | 50.    | obliteratus Horn 85–158     | Ariz.Fla.?    |
| $44\frac{1}{2}$ . | lentis Froel. 99–57         | †Eur.&         |        |                             | D.C.          |
|                   |                             | (N.Am.)        |        | subnitens Horn 85–158       | Ga. D.C. N.J. |
|                   | abutilonis Mots. 73–232     | N.Am.          |        | densus Horn 85–158          | Cal. [Conn.   |
| _                 | 8                           | N.Am.          |        | planifrons Horn 85–158      | Ariz.         |
| _                 | californicus Boh. 58–114    | N.Am.          |        | pectoralis Sharp 85–492     | Mex. Tex.     |
| _                 | conspersus Mots. 73–224     | N.Am.          | 55.    | semicinctusHorn 94–411      | L.Cal.        |
| _                 | corallipes Mots. 73–232     | N.Am.          |        |                             |               |
|                   |                             |                |        |                             |               |

# **BRENTOIDEA**

Pierce 16-462

# BRENTIDÆ

Horn 72; Schönfeldt 10; Schaeffer 15; Blatchley & Leng 16

| •                            |                | •                               |             |
|------------------------------|----------------|---------------------------------|-------------|
| Eupsalis Lacord. 66-430      |                | Heterobrenthus Sharp 95-42      |             |
| 16256. minuta Drury 70–95    | E.N.Am.        | 16259. texanus Schffr. 15–51    | Tex.        |
| brunnea Panz. 00–44          | Va.            |                                 |             |
| maxillosa Oliv. 89–443       | N.Am.          | Brentus Fab. 87–95              |             |
| septentrionis Herbst 97–183  |                | (Brenthus ‡ auct.)              |             |
| a. lecontei Pow. 78–494      | N.Y. Wis. Ill. | 16260. peninsularis Horn 75–128 | L.Cal.      |
| b. sallei Pow. 78–494        | Va. Fla. Tex.  | 61. anchorago (L.) 58–383       | L.Cal. Fla. |
| c. pauperculus Blatch. 16–2  | 1 Ind.         | canaliculatus Oliv. 89–191      |             |
| Vasseletia Sharp 95-32       |                | hastilis Pall. 81–25            |             |
| 16257. vasseleti Boh. 40–498 | L.Cal. Mex.    | longicollis DeG. 78–273         |             |
|                              | 1.Cai. Mcx.    | peregrinus Herbst 02–190        |             |
| Trachelizus Schön. 40–489    |                | lucanus Horn 75–129             | Cal.        |
| 16258. uncimanus Boh. 39–496 | Fla. Cuba      |                                 |             |
|                              |                |                                 |             |

# CURCULIONOIDEA

# PLATYSTOMIDÆ Pierce 16-463

(Anthribidæ)

Leconte 76; Schaeffer 04, 06; Blatchley & Leng 16; Bovie 05; Jordan 07
TROPIDERINI

| Ischnocerus Schön. 39–191<br>16262. infuscatus Fåhr. 39–192                          | D.C. Fla. Tex.                        | <b>Gonops</b> Lec. 76–398<br>16264. fissunguis Lec. 76–398                               | Tex. So.Cal.                 |  |
|--------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------|------------------------------|--|
| Ormiscus Waterh. 45–37<br>( <i>Hormiscus</i> ‡ auet.)<br>16263. saltator Lec. 76–397 | Can. Fla. Ill.                        | <b>Toxotropis</b> Lec. 76–397<br>16265. pusillus Lec. 76–398<br>66. fasciatus Lec. 84–32 | N.J. Fla. Tex.<br>Mass. D.C. |  |
|                                                                                      | † Introduced occasionally in lentils. |                                                                                          | [Tex.                        |  |

| Toxotropis Lec.                                              |                  | Eurymycter Lec. 76-394                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------|------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16267. sextuberculatus Schffr. 04                            | –269<br>Fla.     | 16279. fasciatus (Oliv.) 95–9                                    | N.Eng. Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 68. submetallicus Schffr. 04-2                               |                  |                                                                  | Vanc. Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| oo. Submetanicus peinii. 04 2                                | Tex. O.          | Phanosolena Schffr. 04–234                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 69. floridanus Leng 16–28                                    | Fla.             | 16280. arizonica Schffr. 06–269                                  | Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 70. approximatus Lec. 76–398                                 |                  | 81. nigrotuberculata Schffr. 04                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 71. irroratus Schffr. 04–233                                 | Tex.             |                                                                  | Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 72. eusphyroides Schffr.06–27                                |                  | Tropideres Schön. 26-35                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 73. quercus Schffr. 06–270<br>74. albofasciatus Schffr. 06–2 | Ariz.            | 16282. bimaculatus (Oliv.) 95–14                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 74. aiborasciatus Schiff. 00–2                               | Tex.             | 4                                                                | Wis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Frankrysa I oc. 76, 200                                      | I CA.            | 4-notatus Say 27–249                                             | NITU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Eusphyrus</b> Lec. 76–399<br>16275. walshi Lec. 76–399    | Can. Fla. Ia.    | 83. rectus Lec. 76–395                                           | N.J. Fla. O.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 76. rectus Schffr. 06–271                                    | Tex.             | A11 a m Amour T 70, 200                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 77. arizonensis Schffr. 06–272                               |                  | Allandrus Lec. 76–396                                            | C TINT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                              |                  | 16284. bifasciatus Lec. 76–396                                   | Can. Id. N.J.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gonotropis Lec. 76–393                                       |                  |                                                                  | Utah                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 16278. gibbosus Lec. 76–394                                  | H.B.T. Colo.     | Griburiosoma Schffr. 06–272                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                              | Me.              | 16285. platanum Schffr. 06–273                                   | Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                              |                  |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                              | ANTH             | RIBINI                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                              |                  |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Phonicobiella Ckll. 06–254                                   | 20)              | Euparius Schön.                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| (Phænicobius    Lec. 76–40                                   |                  | 16300. lugubris (Oliv.) 95–13                                    | D.C. Fla. Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 16286. chamæropis Lec. 76–400<br>87. schwarzi Schffr. 06–273 | Ga. Fla.<br>Tex. | 01. subtesselatus Schffr. 06–27                                  | Ark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 87. Schwarzi Schiii. 00-273                                  | 1 CA.            | or. Subtesseratus Schiff. 00-27                                  | Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Piezocorynus Schön.39–250                                    |                  | A 3 C 1 6 00                                                     | Aliz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 16288. dispar Gyll. 33–140                                   | W.N.YTex.        | <b>Aræoderes</b> Schffr. 06–275<br>16302. texanus Schffr. 06–276 | TD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 89. virginicus Leng 18–11                                    | Va.              | 10502. texanus Schir. 00-270                                     | Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 90. mixtus Lec. 76–402                                       | N.J. Fla. Ind.   | Brachytarsus Schön. 26-35                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 91. moestus Lec. 24–172                                      | N.J. Fla.        | 16303. alternatus (Say) 27–250                                   | Can. Fla. Tex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 92. tesselatus Schffr. 06–274                                | Ariz.            | 04. sticticus Boh. 33–172                                        | [Ia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Anthribus Geoffr. 62–306                                     |                  | variegatus (Say) 27–251                                          | Can. Fla. Ia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 16293. cornutus Say 31–4                                     | Can. Fla. Tex.   | obsoletus Schön. 39–167                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| coronatus Schön. 33–141                                      | [Mo.             | 05. tomentosus (Say) 26–251                                      | N.Eng.Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 94. lividus Lec. 76-403                                      | N.C. Fla.        | brevis Schön. 39–168                                             | [Ind.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 95. vagus Horn 94–448                                        | L.Cal.           | 06. paululus Csy. 84–194<br>07. limbatus (Say) 26–250            | Del. N.C. Ind.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 96. bipunctatus Schffr. 04–23                                |                  | 08. plumbeus Lec. 76–406                                         | Pa. Fla. Ill.<br>N.J. M.St.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 97. penicellatus Schffr. 04–23                               | o Tex.           | 09. vestitus Lec. 76–406                                         | La. Miss.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Toxonotus Lec. 66-575                                        |                  | 10. griseus Lec. 76–405                                          | Colo.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 16298. fascicularis (Schön.) 33-1                            | 32               | 11. beyeri Schffr. 06–277                                        | L.Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 102001 1450104-4110 (2001011) 00 1                           | Fla. Cuba        | 12. ornatus Schffr. 06–276                                       | Utah                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Euparius Schön. 33–137                                       |                  | 13. riddelliæ Schffr. 06–277                                     | Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| (Cratoparis Schön. 39–21                                     |                  | 14. nigromaculatus Schffr. 06-                                   | and the second s |
| 16299. marmoreus (Oliv.) 95–12                               |                  |                                                                  | Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| lunatus (Fab.) 01–409                                        | [Ia. ·           | Anthribulus Lec. 76-406                                          | 7.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| paganus Gyll. 33–142                                         |                  | 16315. rotundatus Lec. 76–407                                    | Mass. Fla. La.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                              |                  |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                              | Aræod            | CERINI                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Aræcerus Schön. 26–40                                        | •                | Choragus Kby.                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 16316. fasciculatus (DeG.) 75–27                             | 6 Cosmop, Fla.   | 16318. zimmermanni Lec. 76–408                                   | N Eng Flo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| coffeæ (Fab.) 01–411                                         | [N.Y. Or.        | 19. harrisi Lec. 78–626                                          | Mich.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                              |                  |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Choragus Kby. 18–447                                         | N I D C Obio     | (Holostilpna Jordan 07–38                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 16317. sayi Lec. 76–408                                      | N.J.D.C. Ohio    | 20. nitens Lec. 84–32                                            | Mass. D.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                              |                  |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| XENORCHESTINI                                                |                  |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Xenorchestes Woll. 54-417                                    |                  | Euxenus Lec. 76–409                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 16321. americanus Mots. 73–251                               | Ala. Fla. Tex.   | 16322. punctatus Lec. 76–409                                     | Can. Mich.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                              | 2 2              | 23. piceus Lec. 78–434                                           | Fla. [D.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| *                                                            |                  |                                                                  | [20.0]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

# BELIDÆ

#### ITHYCERINÆ

Ithycerus Schön. 26-55

16324. noveboracensis (Forst.) 71-35

Can.-Ga.-Tex.

# **CURCULIONID** Æ

Blatchley & Leng 16

# RHINOMACERINÆ

(Doydirhynchoidea<sup>1</sup> Pierce 16-463) Pierce 09

| Rhinomacer Fab. 87-123                                   |                          | Rhinomacer Fab.                                                           |         |
|----------------------------------------------------------|--------------------------|---------------------------------------------------------------------------|---------|
| 16325. pilosus Lec. 76–2                                 | Can.Fla.Miss.            | 16329. bombifrons Lec. 76–412                                             | B.C.    |
| 26. elongatus Lec. 76–2<br>27. pallipennis Blatch. 16–51 | (Cal.?)<br>Can.Ala.Miss. | Diodyrhynchus <sup>1</sup> Schön. 34–240<br>16330. byturoides Lec. 80–215 |         |
| 28. comptus Lec. 76–2                                    | Cal.Colo.<br>Wash.       | 10000. Syturolics I.e., 60 210                                            | Cai. Oi |

#### RHYNCHITINÆ

#### Pierce 13

(Attelaboidea Pierce 16-464 = Apionidæ, Belidæ, Attelabidæ, Tachygonidæ, Pterocolidæ, Oxyrhynchidæ)

#### AULETINI

| Auletes Schön. 26–46         |               | Auletes Schön.                 |               |
|------------------------------|---------------|--------------------------------|---------------|
| 16331. ater Lec. 76-4        | Can.Md.Ill.   | 16336. congruus (Walk.) 66–331 | Wy. Colo. Id. |
| 32. nasalis Lec. 76–412      | So.Cal. [Mo.  | subcæruleus Lec. 76–4          | Neb.          |
| 33. rufipennis Pierce 09–327 | So.Cal.       | 37. cassandræ Lec. 76–5        | Ga. Fla.      |
| 34. viridis Pierce 09–327    | No.Cal. Colo. | 38. albovestita Blatch. 16–54  | N.Eng. N.C.   |
| 35. laticollis Csy. 88–233   | So.Cal.       |                                | Ü             |

#### RHYNCHITINI

| Rhynchitini                                                                                                                                                                                       |                                                                  |                                                                                                                                                                                                                          |                                                                                  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--|
| Deporaus Leach 19–201<br>(Platyrhynchus    Thunb. 1<br>16339. glastinus Lec. 57–52                                                                                                                | 5–123)<br>Colo.Ariz.<br>So.Cal.Wash.                             | Rhynchites Hbst. c. piceus Pierce 13–370 d. viridilustrans Pierce 13–37                                                                                                                                                  | Or.<br>70<br>Ariz.                                                               |  |
| Eugnamptus Schön. 39–339 16340. striatus Lec. 76–5 41. puncticeps Lec. 76–6  42. nigriventris Schffr. 05–178 a. pallidus Schffr. 08–213 43. collaris (Fab.) 01–410 a. nigripes (Melsh.) Pierce 13 | Fla. Ill.Ga.Md. Fla. Kan. Ariz. Tex. Ariz. Mass. Fla.            | e. cockerelli Pierce 13–370<br>(Rhynchites s. str.)<br>16349. velatus Lec. 80–216<br>50. palmi Schffr. 05–138<br>51. æneus Boh. 29–22<br>52. mexicanus Gyll. 33–227<br>53. eximius Lec. 76–413<br>54. hirtus Fab. 01–421 | Cal. N.Dak.  Cal. Ariz. Can. Fla. Or. Mex.Tex.Ariz. Colo. Ariz. Mass. Fla. Mich. |  |
| b. fuscipes Pierce 13–367 44. ruficeps Pierce 13–367 45. sulcifrons Gyll. 39–343 46. punctatus Pierce 13–367 a. niger Pierce 13–367 47. angustatus Hbst. 97–140 a. testaceus Pierce 13–367        | Tex.<br>S.C.Ala.Tex.<br>Ariz. [Ind.?<br>Ariz.<br>CanTex.<br>Tex. | 55. naso Csy. 84–190 56. planifrons Lec. 76–8 57. aureus Lec. 76–8 58. fossifrons Lec. 76–8 59. cyanellus Lec. 76–8 60. æratoides Fall 01–260 61. æratus Say 31–5                                                        | So.Cal. L.Cal. So.Cal.Or. Cal. [Colo. Nfld.N.H. Colo. So.Cal. CanFla. Mo.        |  |
| Rhynchites Hbst. 97–123<br>(Merhynchites Sharp 89–57<br>16348. bicolor Fab. 98–388<br>a. ventralis Pierce 13–370<br>b. wickhami Ckll. 12–82                                                       | 7)<br>N.H.Ia.Utah<br>So.Cal.<br>So.Dak.<br>B.CM.Mex.             | 62. perplexus Blatch. 16–95 63. elusus Blatch. 16–96 64. macrophthalmusSchffr.08  — humeralis Boh. 59–117 — nigripennis Fab. 01–410                                                                                      | Mass.Ga.Ind.<br>Fla.                                                             |  |

<sup>&</sup>lt;sup>1</sup>This name was spelled in three ways by Schönherr — Diodyrhynchus is preferred, being the first.

# ATTELABINÆ

| Attelabus L. 67-619<br>(Homwolabus Jek. 60-186<br>16365. analis Ill. 05-616<br>a. similis Kby. 37-204<br>(Synolabus Jek. 60-186) | )<br>Can. Fla. Tex. | Attelabus L.<br>16367. bipustulatus Fab. 01–418<br>68. genalis Lec. 76–11<br>69. rhois Boh. 29–21<br>pubescens Say 27–252 | Can. Fla. Mo.<br>N.Mex.<br>N.S.Ncb.Ariz. |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 66. nigripes Lec. 24–171                                                                                                         | Mass. Fla.          | a. maculatus Prov. 77–521                                                                                                 | Can.                                     |

# PTEROCOLINÆ

**Pterocolus** Schön. 33–238 16370. ovatus (Fab.) 01–426

Can.Fla.Mo.

#### CYLADINÆ

Wagner 10

Cylas Latr. 02–196 16371. formicarius (Fab.) 98–174 India a. elegantulus (Summers) 75–? †Fla. La. Tex.

# **APIONINÆ**

|             |                                             | Smith 84; Fall 98 | , 18; Wagner 10                |                  |
|-------------|---------------------------------------------|-------------------|--------------------------------|------------------|
| Apior       | n Hbst. 97–100                              |                   | Apion Hbst.                    |                  |
| -           |                                             |                   | 16402. tenuiforme Fall 98–129  | Fla.             |
| 10970       | I.                                          | m                 | 03. acrophilum Fall 98–129     | Colo.            |
| 16372       | erraticum Sm. 84–44                         | Tex.              | 04. antennatum Sm. 84–53       | VancSo.Cal.      |
| ₽a.         | estriatum Sm. 85–47 Q                       | MATERIA           | on ancommedia on or            | Nev.             |
|             | . impeditum Fall 98–113                     | N.Y. D.C.         | 05. œdorhynchum Lec. 58-78     |                  |
|             | . quadricolle Fall 98–113                   | Miss.             | our contain nonain 200, 90 10  | Mont.            |
|             | protensum Lec. 57–53                        | Cal.              | III.                           | 1410110.         |
| 70.         | . impunctistriatum Sm. 84                   |                   | 06. opacicolle Sm. 84–50       | So.CalWash.      |
| <del></del> | II TO II 00 115                             | Pa.O.Ill.Tex.     | 07. coxale Fall 98–134         | D.C. N.C.        |
|             | coracellum Fall 98–115                      | D.C.              | 201                            | L.Cal.           |
|             | anceps Fall 98–115                          | Ill.              | 08. tenuirostrum Sm. 84–62     | TexMont.         |
|             | atripes Sm. 84–49                           | D.C.Va.Ga.        | 09. smithi Wagner 09-767       | D.C.             |
|             | finitimum Fall 98–116                       | Mass.D.C.         | æneipenne    Sm. 84–61         |                  |
|             | virile Fall 98–117                          | Colo. [Mich.      | 10. impexum Fall 98–136        | L.Cal.           |
|             | melanarium Gerst. 54–26                     |                   | 11. metallicum Gerst. 54–243   | N.C. Fla. Tex.   |
|             | floridanum Sm. 84–49                        | Fla.              | 12. troglodytes Mann. 43-289   |                  |
| 84.         | robustum Sm. 84–45                          | Mich. Tex.        | 13. propinquicorne Fall 98-133 |                  |
| 05          | obesum Sm. 84–49 Q                          | Mich. Mo.         | 14. modestum Sm. 84–58         | IllColo. Ariz.   |
| 80.         | obsoletum Sm. 84–44                         |                   | 15. albidulum Fall 18–219      | Cal.             |
| 96          | ovale Sm. 84–47 Q                           | La.Neb.Tcx.       | 16. subtinctum Fall 98–138     | Tex. L.Cal.      |
|             | cllipticum Sm. 84–51<br>desolatum Sm. 84–48 | Ga. Fla.          | 17. pervicax Fall 98–139       | Fla.             |
|             | sinuirostrum Fall 98–121                    | Fla.              | 18. gularc Fall 98–140         | Fla.             |
|             | molestum Fall 98–121                        | Ill.              | 19. proclive Lec. 57–53        | Ariz. ColoOr     |
|             | minutum Sm. 84-50                           | Ga. Fla.          |                                | So.Cal.          |
| 90.         | parvulum Sm. 84-49                          | Ga. Fia.          | nunenmacheri Wagn. 12-9        | 7                |
| - 01        | texanum Sm. 84–51                           | Tex.              | 20. chuparosæ Fall 98–141      | L.Cal.           |
|             | pennsylvanicum Boh. 39-                     |                   | 21. grossulum Fall 98–141      | Ariz.(?)         |
| 02.         | pennsyrvameum bon. 99                       | Fla.N.Eng.        | 22. patruele Sm. 84–64         | N.Eng. Fla.      |
|             | erythrocerum Sm. 84-44                      | [So.Cal.          |                                | Tex.             |
| 93.         | funereum Fall 98–123                        | Cal. Wash.        | 23. walshi Sm. 84–57           | N.H.D.C.Cal.     |
|             | occidentale Fall 98–123                     | Kan.Cal.Ariz.     | lanuginosum    Walsh 67-2      | 269 [Ariz.       |
|             | hesperum Fall 98–124                        | So.Cal.           | vicinum Sm. 84–58              |                  |
| 50.         | •                                           | 20.041.           | 24. abdominale Sm. 84–53       | Ariz. Cal.       |
|             | II.                                         | 3.6 73 60         | 25. perforicolle Fall 98–144   | N.J. Ga.         |
|             | perminutum Sm. 84–59                        | Mass. Fla. Tex.   | 26. novellum Fall 98–144       | <b>D.</b> C. Md. |
|             | reclusum Fall 98–126                        | N.J. D.C.         | 27. nebraskense Fall 98–145    | Neb.             |
|             | punctinasum Sm. 84-46                       | Nev.Wy.B.C.       | 28. minor Sm. 84–56            | L.Cal.           |
|             | pulchrum Blatch. 16–74                      | Ind.              | 29. turbulentum Sm. 84–56      | N.Y. D.C.        |
|             | curticorne Fall 98–127                      | Tex.              | D. I                           | Tex.             |
| 01.         | sordidum Sm. 84–48                          | UtSo.Cal.         | 30. importunum Fall 98–146     | Ga. Fla.         |
|             | vespertinum Csy. 84–67                      | [Ariz.            | 31. griseum Sm. 84–59          | N.Y. Fla.        |
| a.          | californicum Sm. 84–52                      | So.Cal.           | fraternum Sm. 84-60            | [Ariz.           |

| Apion      | Hbst.                                        |                         | Apion       | Hbst.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |
|------------|----------------------------------------------|-------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 16432.     | eccentricum Fall 18–220                      | Ariz.                   |             | haplopus Wagn. 12–99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ariz.              |
| 33.        | brunnicornis Fall 18–221                     | Ariz.                   | 63.         | eriogoni Fall 18–221                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ariz.              |
| 34.        | dolosum Fall 98–148                          | Ariz.                   |             | frontellum Fall 18–221                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tex.               |
| 35.        | æquabile Fall 98–148                         | Ariz. L.Cal.            | 65.         | subornatum Fall 98–164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tex.               |
|            | carinirostrum Fall 98–148                    | Ariz.                   | 66.         | dilatatum Sm. 84–56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ariz.              |
| 37.        | peninsulare Fall 98–149                      | L.Cal.                  | 67.         | crassum Fall 98–165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Va.                |
| 38.        | porosicolle Gemm. 71–122                     | Or. S.Cal. Ut.          | 68.         | decoloratum Sm. 84–52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MassN.C.           |
|            | cribricolle    Lcc. 57–53                    |                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ariz.              |
| 20         | brevicolle Sm. 84–53                         | 3.6 37 73               | 69.         | emaciipes Fall 98–166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N.H. D.C.          |
|            | porcatum Boh. 39–374                         | Mass.Va. Tex.           | <b>-</b>    | lat Tillog tom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mich.              |
|            | centrale Fall 98–151                         | ColoH.B.T.              |             | elutipes Fall 98–167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | L.Cal.             |
| 41.        | rostrum Say 27–253                           | N.HFla. Tex.            |             | perlentum Fall 18–222                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | So.Cal.            |
|            | sayi Gyll. 33–252                            |                         | 72.         | carinatum Sm. 84–52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Mass. Fla. La      |
| 40         | scrobicolle Gyll. 39–374                     | C 1                     | <b>77</b> 0 | concoloratum Sm. 84–52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | O M                |
| 42.        | coloradense Fall 98–152                      | Colo.                   |             | attenuatum Sm. 84–62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Can. Tex.          |
| 43.        | nigrum Hbst. 97–122                          | N.H. D.C.               |             | hibisci Fall 18–219                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N.J. [So.Cal.      |
| 4.4        |                                              | Kan.<br>Wash. So.Cal.   |             | solutum Fall 98–168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tex. N.Mex.        |
|            | cordatum Sm. 84-54                           |                         |             | disparipes Fall 98–169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N.Mex.             |
| 40.        | oblitum Sm. 84–54                            | Tex.Colo.Neb.           |             | spinipes Fall 98–169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ariz.<br>Dak.      |
| AC         | capitatum Sm. 84–54                          | Co                      |             | graciliforme Fall 98–170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |
|            | furtivum Fall 98–154<br>commodum Fall 98–154 | Ga.<br>Mont.            |             | extensum Sm. 84–61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dak.<br>Mass. D.C. |
|            | confertum Sm. 84–63                          | Fla.                    |             | parallelum Sm. 84–47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |
| 40.        |                                              | ria.                    |             | aculeatum Fall 98–171<br>persimile Fall 98–172                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tex. [Mich. S.C.   |
| 4.0        | IV.                                          | T31                     |             | fibulipes Fall 98–172                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | L.Cal.             |
|            | auripes Fall 98–157                          | Fla.                    |             | falli Wagner 09–767                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ariz.              |
|            | cavifrons Lec. 57–53                         | B.CSo.Cal.              | 01.         | pyriforme    Sm. 84–57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11112.             |
|            | huron Fall 98–159                            | Mich. Ill.              | 85          | lividum Sm. 87–56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Fla.               |
| 52.        | varicorne Sm. 84–60                          | Ariz. Ga. Fla           |             | puritanum Fall 98–174                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mass. D.C.         |
| <b>5</b> 9 | -14 Fall 00 160                              | So.Cal.H.B.T.<br>N.Mex. |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Md. Wis.           |
|            | alternatum Fall 98–160                       | Dak.                    |             | herculanum Sm. 84–56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mass. W.Va.        |
|            | contusum Sm. 84–61<br>nasutum Fall 98–161    | Tex. N.Mex.             |             | xanthoxyli Fall 98–176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tex. [Mich.        |
|            |                                              | Ariz.                   | _           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fla.               |
|            |                                              | Mass. Fla.              | _           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Md.                |
|            | segnipes Say 31-6<br>cinereum Gerst. 54-250  | [Kan.                   |             | subglobosum Gerst.54–243                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |
|            |                                              | Ariz.                   |             | cuprascens Mann. 43-289                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |
|            |                                              | Tex.                    |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pa.                |
|            | filum Fall 98–163                            | L.Cal.                  |             | · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |
|            |                                              |                         | Podani      | ion Riley 83–61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |
| 01.        |                                              |                         |             | gallicola Riley 83–61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MassCal.           |
|            | typicum Sm. 84–53                            | [Ariz.                  |             | Samo de la companya d | 2,2000, 002,       |
|            | C) produit out of                            | [121231                 |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |
|            |                                              |                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |

#### ALLOCORHYNINÆ

Allocorhynus Sharp 90–46 16491. slossoni Schffr. 05–139

Fla.

#### TACHYGONINÆ

| Tachygonus Schön. 33–311     |              | Tachygonus Schön.           |        |
|------------------------------|--------------|-----------------------------|--------|
| 16492. lccontei Gyll. 33–312 | N.JTex.      | 16496. tardipes Lec. 76–266 | Tex.   |
| 93. spinipes Csy. 97–680     | N.J. N.Y.    | 97. rhombus Csy. 97–681     | Ariz.  |
| 94. gracilipes Čsy. 97–680   | Ind. O. D.C. | 98. centralis Lec. 68–55    | N.Mex. |
| 05 fulvinos Log 76-966       | 111          |                             |        |

#### OTIORHYNCHINÆ 1

(Brachyrhinidæ Bedel 85; Picrce 13; Psallidiidæ Pierce 16-464)

#### EREMNINI

| Phyxelis Schön. 43–122            |          | Phyxelis Schön.          |
|-----------------------------------|----------|--------------------------|
| 16499. rigidus (Say) 31-12        | CanGaIa. | — glomerosus Boh. 43–123 |
| 16500. latirostris Blatch. 16–107 | Ind.     | — setiferus Boh. 43–124  |

<sup>&</sup>lt;sup>1</sup> The correct name for this subfamily seems to depend upon the date when the earlier genera were validated under the rules of no:neuclature. Otiorhynchus Germar 1824 is according to Pierce 1913 antedated by Brachyrhinus Latreille 1802; but in 1916 Pierce, considering apparently the valid date for Latreille's genus 1807, found Psallidium Illiger 1806 the earliest name, on which the family was based.

The genera are arranged in harmony with Pierce 13.

# OPHRYASTINI

(Entiminæ Pierce 13–373)

| (Entiminæ Pierce 13–373)                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Sapotes</b> Csy. 88–241 16501. puncticollis Csy. 88–241                                                                                                                                                                                                                                                                                                                                                                                          | TexAriz.                                                                                                                                                       | <b>Ophryastes</b> Schön. 33–508<br>16518. vittatus (Say) 23–316                                                                                                                                                                                                                                                                                                                                                                      | Kan.N.Mex.<br>Ariz.                                                                 |
| Eupagoderes Horn 76–32 16502. speciosus (Lec.) 53–444 03. nivosus Fall 10–190 04. marmoratus Fall 10–191 05. sordidus (Lec.) 53–445 06. decipiens (Lec.) 53–445 07. dunnianus Csy. 88–240 08. lucanus Horn 76–34 09. wickhami (Sharp) 91–88 10. argentatus (Lec.) 53–444 11. desertus Horn 76–34 12. mortivallis Fall 10–192 13. geminatus Horn 76–35 14. varius (Lec.) 53–444 plumbeus Horn 76–35 15. aridus Fall 10–192 16. cretaceus Sharp 91–96 | TexAriz. Ariz. Ariz. KanAriz. TexAriz. Tex. L.Cal. Ariz. Utah Ariz. So.Cal. So.Cal.(Ariz.?) So.Cal. So.Cal. Nev. Ariz.So.Cal. So.Cal. [Nev. Ariz.So.Cal. Ariz. | 19. tuberosus Lec. 53–443 20. shufeldti Csy. 88–238 21. sulcipennis Csy. 88–239 22. latirostris Lec. 53–443 validus Lec. 54–225 ♀ 23. sulcirostris (Say) 23–316 ligatus Lec. 53–443 24. porosus Lec. 45–225 25. ovipennis Sharp 91–90 bituberosus ‡Pierce 09–344 26. collaris Champ. 11–318 27. symmetricus Fall 07–260  Tosastes Sharp 91–91 16528. globularis Pierce 09–344 29. ovalis Pierce 09–345 30. cinerascens Pierce 13–376 | Colo. N.Mex. N.Mex. N.Mex. Kan. N.Mex. Ut. Ariz. Ariz. Kan.Colo.Ut. Tex. Ariz. Tex. |
| Amydrogmus Pierce 13–374<br>16517. variabilis Pierce 13–374                                                                                                                                                                                                                                                                                                                                                                                         | Tex.                                                                                                                                                           | Rhigopsis Lec. 74–459<br>16531. effracta Lec. 74–459<br>scutellata Csy. 88–242<br>32. simplex Horn 94–442                                                                                                                                                                                                                                                                                                                            | Cal. So.Cal.<br>So.Cal.<br>L.Cal.                                                   |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                                   | . Тпорір                                                                                                                                                       | HORINI                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| <b>Cimbocera</b> Horn 76–55<br>16533. pauper Horn 76–56                                                                                                                                                                                                                                                                                                                                                                                             | Dak. Wy.<br>Mont.                                                                                                                                              | Anametis Horn<br>16548. setosus Blatch. 16–103                                                                                                                                                                                                                                                                                                                                                                                       | Ind. Mo.                                                                            |
| a. sericea Pierce 13–379 b. conspersa Fall 07–261                                                                                                                                                                                                                                                                                                                                                                                                   | Utah,Mont.<br>Colo.<br>N.Mex. Ariz.                                                                                                                            | Melbonus Csy. 95–820<br>16549. scapalis Csy. 95–821<br>50. denticulatus Pierce 09–350                                                                                                                                                                                                                                                                                                                                                | Ariz.<br>Ariz.                                                                      |
| Miloderes Csy. 88–252<br>16534. setosus Csy. 88–253<br>35. viridis Pierce 09–348                                                                                                                                                                                                                                                                                                                                                                    | Cal.<br>Ariz.                                                                                                                                                  | Melamomphus Horn 76–40<br>(Thricomigus Horn 76–48)<br>16551. niger Horn 76–40                                                                                                                                                                                                                                                                                                                                                        | Nev.                                                                                |
| <b>Dichoxenus</b> Horn 76–39<br>16536. setiger Horn 76–40                                                                                                                                                                                                                                                                                                                                                                                           | Tex.                                                                                                                                                           | 52. elongatus (Horn) 76–53<br>53. sordidus (Horn) 76–52<br>54. deciduus (Horn) 76–52                                                                                                                                                                                                                                                                                                                                                 | Cal. Cal. Cal.                                                                      |
| Orimodema Horn 76–43<br>16537. protracta Horn 76–44                                                                                                                                                                                                                                                                                                                                                                                                 | Colo. N.Mex.<br>Ariz. So.Cal.                                                                                                                                  | 55. nigrescens Pierce 13–384<br>56. luteus (Horn) 76–48<br>?tcssellatus (Csy.) 88–249                                                                                                                                                                                                                                                                                                                                                | Wash.<br>Mont.Wash.<br>Cal.                                                         |
| Amotus Csy. 88–243<br>(Mimetes ‡ Horn 76–44 no. 16538. seniculus Horn 76–45<br>39. longisternus Csy. 88–244<br>40. longipennis Pierce 09–348                                                                                                                                                                                                                                                                                                        | Cal. (?)<br>So.Cal.                                                                                                                                            | 57. raucus (Horn) 76–51 58. alternatus (Horn) 76–52 ?granulatus (Csy.) 88–248 59. ciliatus Pierce 13–385 <b>Dyslobus</b> Lec. 69–380                                                                                                                                                                                                                                                                                                 | Cal. Vanc.<br>Mont. Cal.<br>No.Cal.<br>Cal.                                         |
| 41. gracilior Csy. 88–245<br>setulosus ‡ Horn 76–45<br><b>Diamimus</b> Horn 76–46<br>16542. subsericeus Horn 76–46                                                                                                                                                                                                                                                                                                                                  | N.Mex.Colo.<br>Wy.Mont.Ut.                                                                                                                                     | (Amnesia Horn 76–48 pars<br>16560. tumidus (Csy.) 95–813<br>61. granicollis (Lec.) 69–380<br>a. discors (Csy.) 95–814<br>b. sculptilis (Csy.) 88–250                                                                                                                                                                                                                                                                                 | Cal.<br>Or.Wash.<br>Cal. [Vanc.<br>Cal.                                             |
| Peritaxia Horn 76-46<br>16543. rugicollis Horn 76-47<br>44. hispida Horn 76-47<br>45. perforata Csy. 88-245<br>46. elongata Pierce 13-381                                                                                                                                                                                                                                                                                                           | Ariz. Colo.N.Mex. Ariz. Colo. Ariz. Tex. Tex.                                                                                                                  | 62. bituberculatus Pierce 13–388 63. denticulatus Pierce 13–388 64. segnis (Lec.) 57–56 65. lecontei Csy. 95–811 66. verrucifer Csy. 95–812 67. debilis (Csy.) 95–815                                                                                                                                                                                                                                                                | B.C.<br>No.Cal.<br>Cal. Or.<br>No.CalWash.<br>Id.Vanc.B.C.<br>Or.                   |
| Anametis Horn 76–43<br>16547. granulata (Say) 31–12                                                                                                                                                                                                                                                                                                                                                                                                 | NfldWis<br>Tex.                                                                                                                                                | 68. squamipunctatus (Pierce) 69. decoratus (Lec.) 69–381 70. ursinus (Horn) 76–51                                                                                                                                                                                                                                                                                                                                                    | Cal.<br>Or. Vanc.<br>Or.                                                            |
| grisea Horn 76-43<br>a. subfusca Fall 07-261                                                                                                                                                                                                                                                                                                                                                                                                        | Kan.Dak.Ill.<br>(Ga.?)<br>N.Mex.                                                                                                                               | <b>Adaleres</b> Csy. 95–816<br>16571, ovipennis Csy. 95–816                                                                                                                                                                                                                                                                                                                                                                          | Cal. So.Cal.                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |

| Adaleres Csy.                                                  | C. C.1                    | Panscopus Schön.                                                                           | M)                       |
|----------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------|--------------------------|
| 16572. humeralis Csy. 95–818                                   | So.Cal.                   | (Panseopidius Pierce 13–39<br>16579. squamosus Pierce 13–394<br>80. dentipes Pierce 13–395 | Or.<br>Wash.             |
| Panscopus Schön. 42–266<br>(Nocheles Lec. 74–456)              |                           | (Nomidus Csy. 95–819)                                                                      | Wasii.                   |
| 16573. torpidus (Lec.) 57–55                                   | Wash. Or.                 | 81. abruptus Csy. 95–819<br>82. impressus Pierce 13–395                                    | Cal. Utah<br>Va. Ind. O. |
| (Phymatinus Lec. 69–382)<br>74. gemmatus (Lec.) 57–56          | Cal. Or.                  | 83. ovalis Pierce 13–396                                                                   | Alberta                  |
| 75. sulcirostris Pierce 13–392                                 | Wash.                     | ( Neopanseopus Pierce 13-3<br>84. æqualis (Horn) 76-55                                     | KanB.C.                  |
| (Panscopus s. str.)<br>76. crinaccus (Say) 31–12               | N.H. D.C.                 | cinereus Horn 76–55                                                                        | Utah, Wash.              |
| • •                                                            | W.Va.                     | a. vestitus Csy. 88–251                                                                    | Nev.                     |
| 77. alternatus Schffr. 08–214<br>78. maculosus Blatch. 16–105  | N.C.Ga.W.Va.<br>Ind. N.Y. | 85. squamifrons Pierce 13–397<br>86. carinatus Pierce 13–398                               | Cal.<br>Mich.            |
|                                                                | Dirotogi                  | NATHINI                                                                                    |                          |
|                                                                | (Dirotognathin            | <i>x</i> Pierce 13)                                                                        |                          |
| Dirotognathus Horn 76–79<br>16587. sordidus Horn 76–80         | So.Cal. Ariz.             |                                                                                            |                          |
|                                                                | Ргомес                    | COPINI                                                                                     |                          |
|                                                                | (Promeeopinæ              |                                                                                            |                          |
| Colecerus Schön. 40–928                                        | ,                         | Eudiagogus Schön. 40–307                                                                   |                          |
| (Coleoeerus G. & H. 71–23                                      | 74)                       | 16591. pulcher Fåhr. 40–310                                                                | Fla. Tex.                |
| (Bathyris Lec. 74–461)<br>16588. dispar (Lec.) 74–462          | Ariz.                     | 92. rosenschoeldi Fåhr. 40–309                                                             | LaAla.Tex.               |
| 89. marmoratus Horn 76–109                                     |                           | Promecops Schön. 26–135                                                                    |                          |
| Aracanthus Schön. 40–822                                       | m                         | — arcuata Fåhr. 40–329                                                                     | Brazil                   |
| 16590. pallidus (Say) 31–9                                     | Tex.Mo.Ia. O.             | nubifera var. Gyll. 34–167                                                                 | Am. bor.?                |
|                                                                | TANYM                     | ECINI                                                                                      |                          |
|                                                                | ( Tanymeeinæ              | Pierce 13)                                                                                 |                          |
| Pachnæus Schön. 26–121                                         | TOL                       | Minyomerus Horn                                                                            | •                        |
| 16593. opalus (Oliv.) 95–339<br>94. distans Horn 76–83         | Fla.<br>FlaN,J.           | ( <i>Pseudelissa</i> Csy. 88–273)<br>16598. languidus Horn 76–18                           | Ariz. So.Cal.            |
| Tanymecus Germ. 17–341                                         | ·                         | cinerea Csy. 88–273                                                                        | Tex.                     |
| 16595. lacena (Hbst.) 97–35                                    | Ga. Fla. Tex.             | Elissa Csy. 88-271                                                                         |                          |
| cancscens (Gyll.) 34–78 Q<br>lcucophæus (Gyll.) 34–85 c        | ₹                         | 16599. laticeps Csy. 88–272                                                                | Tex.                     |
| 96. confertus (Gyll.) 34–88                                    | AtlColo.                  | 16600. constricta Csy. 88–272                                                              | Ariz. So.Cal.            |
| confusus (Say) 31–9                                            |                           | Hadromeropsis Pierce 13-400                                                                | log)                     |
| Minyomerus Horn 76–17<br>16597. innocuus Horn 76–18            | Colo. Ariz.               | ( <i>Hadromerus</i>    Schön. 34–1<br>16601. opalinus Horn 76–85                           | Ariz.                    |
|                                                                | Pandel                    | ETEINI                                                                                     |                          |
|                                                                | Schaeffer 08;             | Picrce 13                                                                                  |                          |
| Isodacrys Sharp 11-175                                         |                           | Pandeleteius Schön.                                                                        |                          |
| 16602. ovipennis Schffr. 08–215                                | Tex.                      | 16605. hilaris (Hbst.) 97–58<br>pauperculus Gyll. 34–130                                   | CanTex.Fla.              |
| Polydacrys Schön. 34–130                                       | Tor                       | 06. dentipes Pierce 13–403                                                                 | Tex.                     |
| 16603. depressifrons Boh. 40–298<br>eavirostris Schffr. 08–214 |                           | 07. depressus Pierce 13–403<br>08. cinereus Horn 76–87                                     | Ariz.<br>Tex.            |
| Pandeleteius Schön. 34–129                                     |                           | 09. subtropicus Fall 07–263<br>10. submetallicus Schffr. 08–23                             | Fla.                     |
| (Pandeletejus Horn 76–86)                                      |                           |                                                                                            | Utah                     |
| (Pandeleteinus Champ. 11-<br>16604. simplarius Fall 07-263     | -206)<br>N.Mex.           | 11. robustus Schffr. 08–215<br>12. rotundicollis Fall 07–262                               | Tcx. Ariz.<br>N.Mex.     |
| 10004. Shiparius Pan 07-203                                    |                           |                                                                                            | TV.IVIEX.                |
|                                                                | ALCEI                     | DINI                                                                                       |                          |
| (Psallidiinæ Pierce 13)                                        |                           |                                                                                            |                          |

Pactorrhinus Ancey 81-485 16613. grisescens Ancey 81-485 Ariz.

# CYPHINI

|                                                                                                                                                                                      | Cirn                                       | INI                                                                                                                                                                       |                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>Compsus</b> Schön. 26–109<br>16614. auricephalus (Say) 23–310<br>auripes Schön. 40–183                                                                                            | GaMex.Colo.                                | Glaphyrometopus Pierce 13-40<br>16618. ornithodorus Pierce 13-407                                                                                                         |                                                  |
| <b>Cyphus</b> Germ. 24–427<br>16615. lautus (Lec.) 54–85<br>16. placidus Horn 76–90                                                                                                  | Ariz. N.Mex.                               | Lachnopus Schön. 40–380<br>( <i>Ptilopus</i>    Schön. 26–120)<br>16619. floridanus Horn 76–101                                                                           | )<br>Fla.                                        |
| Pseudocyphus Schffr. 05–179<br>16617. flexicaulis Schffr. 05–179                                                                                                                     | Tex.                                       | <b>Evotus</b> Lcc. 74–459<br>16620. naso (Lec.) 57–56                                                                                                                     | Dak.Id.Or.<br>Wash.                              |
| •                                                                                                                                                                                    | Polyde                                     | RUSINI                                                                                                                                                                    |                                                  |
| Polydrusus Germ. 17–341<br>(Polydrosus G. & H. 71–22<br>(Cyphomimus Horn 76–10)                                                                                                      | 5)                                         | Scythropus Schön.<br>16627. californicus Horn 76–107                                                                                                                      | Ariz.So.Cal.<br>Or. Wash.                        |
| 16621. americanus Gyll. 34–136<br>dorsalis Horn 76–105<br>22. impressifrons Gyll. 34–140<br>23. sericeus Schall. 83–286<br>24. peninsularis Horn 94–445<br>25. ochreus (Fall) 07–264 | †Ind.                                      | 28. ferrugineus Csy. 88–276<br>29. crassicornis Csy. 88–277<br>30. lateralis Csy. 88–275<br>31. cinereus Csy. 88–277<br>32. albidus Fall 01–310<br>33. miscix Fall 01–310 | Cal. Or. N.Mex. Cal. Cal. Cal. Or. Id. Cal.Wash. |
| Scythropus Schön. 26–140<br>16626. elegans (Couper) 65–63<br>metallicus Desb.                                                                                                        | Can.Wash.Cal.                              | * 34. delicatulus Horn 94–444                                                                                                                                             | Mont.<br>L.Cal.                                  |
|                                                                                                                                                                                      | BLOSY                                      | RINI                                                                                                                                                                      |                                                  |
| Hormorus Horn 76–23<br>(Chlorophanus ‡ Uhler)<br>16635. undulatus (Uhler) 55–416                                                                                                     |                                            | Agasphærops Horn 76–24<br>16636. nigra Horn 76–25                                                                                                                         | Cal.                                             |
|                                                                                                                                                                                      | SCIAPI                                     | IILINI                                                                                                                                                                    |                                                  |
| Mitostylus Horn 76 107                                                                                                                                                               | Somme                                      | Sciaphilus Schön. 26-98                                                                                                                                                   |                                                  |
| Mitostylus Horn 76–107<br>(Derosomus Sharp 91–168)                                                                                                                                   | )                                          | 16640. muricatus (Fab.) 01–544                                                                                                                                            | Que.†Me.Vt.                                      |
| 16637. tenuis Horn 76–107<br>38. gracilis Horn 94–444<br>39. setosus (Sharp) 91–168                                                                                                  | Tex.<br>L.Cal.<br>Tex. Mex.                | asperatus Bonsd. 85–34                                                                                                                                                    | N.H. Mass.<br>Eur. N.S. N.J.                     |
|                                                                                                                                                                                      | THYLACITINI Pi                             | erce 13–411                                                                                                                                                               |                                                  |
|                                                                                                                                                                                      | (Brachyderin                               |                                                                                                                                                                           |                                                  |
| Strophosoma Billberg 20–97<br>16641. coryli (Fab.) 01–524                                                                                                                            | Eur.Can.N.H.<br>N.J. N.Y.<br>Mass.         | Thylacites Germ. 17–339<br>( <i>Brachyderes</i> Schön. 26–16<br>16642. incanus (L.) 58–385                                                                                | )2)<br>Eur.& N.Am.<br>Mo.                        |
|                                                                                                                                                                                      | • Ерісл                                    | ERINI                                                                                                                                                                     |                                                  |
| Anomadus Horn 76–21                                                                                                                                                                  |                                            | Epicærus Schön.                                                                                                                                                           |                                                  |
| 16643. obliquus Horn 76–21  Bradyrhyncoides Pierce 13–412                                                                                                                            | L.Cal.                                     | 16651. lepidotus Pierce 10–360<br>52. formidolosus Boh. 40–284                                                                                                            |                                                  |
| 16644. constrictus Pierce 13–413                                                                                                                                                     | Tex.                                       | 53. benjamini Pierce 13–415<br>54. mexicanus Boh. 34–324                                                                                                                  | Tex. Mex.                                        |
| Graphorhinus Say 31–8<br>16645. vadosus Say 31–8                                                                                                                                     | Kan.Tex.Colo.                              | Stamoderes Csy. 88-236                                                                                                                                                    |                                                  |
| Epicærus Schön. 34–323<br>16646. imbricatus Say 24–317                                                                                                                               | N.J. D.C.Ga.                               | (Mimetes   Schön. 47–23)<br>16655. sctulosus (Lacord.) 63–40<br>56. uniformis Csy. 88–237                                                                                 | Cal.<br>Cal.                                     |
| 47. wickhami Pierce 13-414 48. lucanus Horn 94-441 49. tayanus Cay 88-235                                                                                                            | Kan.Tex.Ariz. N.Mex.Colo. L.Cal. [Ut. Tex. | Omileus Horn 76–102<br>16657. epicæroides Horn 76–102                                                                                                                     | Tex.                                             |
| 49. texanus Csy. 88–235<br>50. sulcatus Csy. 88–235                                                                                                                                  | Colo.Ut.<br>N.Mex. Tex.<br>[Kan.           | Pantomorus Schön. 40–942<br>. (Aramigus Horn 76–93)<br>(Liparus ‡ Say 24–318)                                                                                             |                                                  |

| Pantomorus Schön. 16658. tesselatus (Say) 24–318  a. pallidus (Horn) 76–94 59. fulleri (Horn) 76–94  . olindæ Perkins 00–130 (Phacepholis Horn 79–95) 60. elegans (Horn) 76–96 61. viridis (Champ.) 11–336 62. nebraskensis Pierce 13–418 63. metallicus Pierce 13–419 | So.Ill.Fla N.Mex. Kan. Tex. †Mass.N.J Mont.Cal. So.Cal. Hawaian Is.  Kan. Tex.Ariz. Tex. 8 Neb. | Pantomorus Schön. 16664. texanus Pierce 13–419 65. candidus Horn 76–97 66. pallidus Pierce 10–363 67. obscurus Horn 76–96  Lepidocricus Pierce 10–362 16668. herricki Pierce 10–362  Artipus Sahlb. 23–22 16669. floridanus Horn 76–92 70. texanus Pierce 11–49 | Tex. Colo.Kan.Ill. Tex. Tex.Kan.Colo.  Ala.Miss.Kan. Neb.  Fla. Tex. |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--|--|
|                                                                                                                                                                                                                                                                        | BARYN                                                                                           | OTINI                                                                                                                                                                                                                                                           |                                                                      |  |  |
| Barynotus Germ. 17–341<br>16671. schönherri Zett. 40–187                                                                                                                                                                                                               | Eur.&Nfld.<br>N.S.Me.Mass.                                                                      | Barypeithes Jacq. Duv. 55–13<br>16672. pellucidus (Boh.) 34–507                                                                                                                                                                                                 | †N.Eng.N.Y.<br>O. France                                             |  |  |
| · Trigonoscutini                                                                                                                                                                                                                                                       |                                                                                                 | Calyptillini                                                                                                                                                                                                                                                    |                                                                      |  |  |
| Trigonoscuta Mots. 52–79<br>16673. pilosa Mots. 52–79                                                                                                                                                                                                                  | Cal. So.Cal.                                                                                    | Calyptillus Horn 76–27<br>16674. cryptops Horn 76–27                                                                                                                                                                                                            | N.Mex.                                                               |  |  |
|                                                                                                                                                                                                                                                                        | Celeut                                                                                          | HETINI                                                                                                                                                                                                                                                          |                                                                      |  |  |
| Agraphus Say 31–13<br>(Peritelus ‡ Say 31–13)<br>16675. bellicus (Say) 31–13<br>leucophœus Gyll. 34–641                                                                                                                                                                | N.J.Pa.Fla.                                                                                     | Paragraphus Blatch. 16–109<br>16676. setosus Blatch. 16–110                                                                                                                                                                                                     | Fla.                                                                 |  |  |
|                                                                                                                                                                                                                                                                        | Brachyrhii                                                                                      | NINI Bedel                                                                                                                                                                                                                                                      |                                                                      |  |  |
| (Brachyr                                                                                                                                                                                                                                                               | hininæ Pierce 13-                                                                               | -421) Otiorhynchini auct.                                                                                                                                                                                                                                       |                                                                      |  |  |
| Brachyrhinus Latr. 02–200<br>(Otiorhynchus Germ. 24–34<br>16677. sulcatus Fab. 98–155                                                                                                                                                                                  | 43)<br>Pa.Mass.Vanc.<br>Eur.Nfld.N.S.<br>Can. N.Y.                                              | Brachyrhinus Latr. — dubius Ström <sup>1</sup> Sciopithes Horn 76–62 16683. obscurus Horn 76–63                                                                                                                                                                 | Greenland Cal.Or.Vanc.                                               |  |  |
| 78. ovatus (L.) 61-626                                                                                                                                                                                                                                                 | Eur.Can.Nfld.<br>N.Eng.Wy.<br>N.Mex.<br>Dliv.<br>N.S. Ia.                                       | 84. significans Csy. 88–255<br>85. brumalis Csy. 88–256<br>86. arcuatus Csy. 88–257<br>87. angustulus Csy. 88–257<br>88. setosus Csy. 88–258                                                                                                                    | Cal. Cal. Cal. Cal. Cal. Cal.                                        |  |  |
| 79. rugifrons Gyll. 13–319                                                                                                                                                                                                                                             | Eur.N.S.M.St.<br>QueVa.                                                                         | <b>Agronus</b> Horn 76–63<br>16689. deciduus Horn 76–64                                                                                                                                                                                                         | Cal.                                                                 |  |  |
| 80. singularis L. 67–1066<br>81. nodosus O. Fab. 80–187<br>maurus Gyll. 13–293                                                                                                                                                                                         | Eur.Mass.Que.<br>Iceland, Eur.<br>Greenland                                                     | 90. cinerarius Horn 76–64  Neoptochus Horn 76–64                                                                                                                                                                                                                | Cal.                                                                 |  |  |
| 82. monticola Germ. 24–361<br>?alpinus Richter <sup>1</sup><br>?arcticus O. Fabr. 80–188                                                                                                                                                                               | Greenland  Lapland                                                                              | (Ptochus ‡ Boh.)<br>16691. adspersus (Boh.) 34–486<br>tesselatus (Boh.) 34–487                                                                                                                                                                                  | Fla.                                                                 |  |  |
|                                                                                                                                                                                                                                                                        | Тпасну                                                                                          | PHIATINI                                                                                                                                                                                                                                                        |                                                                      |  |  |
| Cercopeus Schön. 43-154                                                                                                                                                                                                                                                |                                                                                                 |                                                                                                                                                                                                                                                                 |                                                                      |  |  |
| 16692. chrysorhœus (Say) 31–13<br>93. artemisiæ Pierce 10–365                                                                                                                                                                                                          | MassGa.<br>Mont. [Minn.                                                                         | 16695. setosus Csy. 88–270                                                                                                                                                                                                                                      | Cal.                                                                 |  |  |
| Chætechus Horn 76-77<br>16694. setiger Horn 76-78                                                                                                                                                                                                                      | Mass. N.S.                                                                                      | <b>Trachyphlœus</b> Germ. 17–339<br>16696. asperatus Boh. 44–116<br>97. davisi Blatch. 16–115                                                                                                                                                                   | Mass.<br>Staten Is.                                                  |  |  |
| Simoini                                                                                                                                                                                                                                                                |                                                                                                 |                                                                                                                                                                                                                                                                 |                                                                      |  |  |
| Paraptochus Seidlitz 68–35<br>16698. sellatus (Boh.) 59–126<br>californicus Seidl. 68–35                                                                                                                                                                               | Cal. So.Cal.                                                                                    | Stenoptochus Csy. 88-259<br>16699. inconstans Csy. 88-260                                                                                                                                                                                                       | Cal. So.Cal.                                                         |  |  |
| 1 Names cited in faunal bets                                                                                                                                                                                                                                           |                                                                                                 |                                                                                                                                                                                                                                                                 |                                                                      |  |  |

<sup>&</sup>lt;sup>1</sup> Names cited in faunal lists.

<sup>†</sup> Introduced.

| Orthoptochus Csy. 88–261<br>16700. squamiger Csy. 88–261                                                            | Cal.                                      | <b>Geodercodes</b> Csy. 88–265<br>16711. latipennis Csy. 88–266<br>12. hispidus Horn 94–442                  | Cal.<br>L.Cal.                          |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Omias Germ. 17–341<br>(Mylacus Schön. 43–144)<br>16701. saccatus (Lec.) 57–56                                       | Cal. Or.                                  | <b>Aragnomus</b> Horn 76–72<br>16713. griseus Horn 76–72<br>14. hispidulus Csy. 88–266                       | Cal.<br>So.Cal.                         |
| Thricolepis Horn 76–68<br>16702. inornata Horn 76–69                                                                | So.CalUtah,<br>Ariz.                      | <b>Dysticheus</b> Horn 76–73<br>16715. insignis Horn 76–73                                                   | So Cal.                                 |
| 03. simulator Horn 76–69<br>04. seminuda Horn 94–443                                                                | Cal. (So.Cal.?)<br>L.Cal.                 | Eucyllus Horn 76–74<br>16716. vagans Horn 76–74                                                              | Ariz. So.Cal.                           |
| Peritelopsis Horn 76–70<br>16705. globiventris (Lec.) 57–56                                                         | Cal.                                      | <b>Thinoxenus</b> Horn 76–74<br>16717. squalens Horn 76–75<br>18. nevadensis Csy. 88–267                     | Cal.<br>Nev.                            |
| <b>Peritelodes</b> Csy. 88–262<br>16706. obtectus Csy. 88–262                                                       | Cal.                                      | Rhypodillus Ckll. 06-243<br>(Rhypodes    Horn 76-75)                                                         | )                                       |
| Peritelinus Csy. 88–263<br>16707. variegatus Csy. 88–263                                                            | Cal.                                      | 16719. dilatatus Horn 76–75<br>20. brevicollis Horn 76–76                                                    | So.Cal.<br>Colo.                        |
| Geoderces Horn 76-70<br>16708. melanothrix (Kby.) 37-20<br>09. incomptus Horn 76-72<br>10. puncticollis Csy. 88-264 | 2 Can. N.Y.<br>Cal. Vanc.<br>Cal. So.Cal. | Aphrastus Say 31–9<br>16721. taeniatus Gyll. 34–460<br>22. unicolor Horn 76–99<br>23. griseus Blatch. 16–127 | M.&S.St.Mo.<br>Tex. [N.Eng.<br>Ind. Ga. |

# EUSTYLINI

| Brachystylus Schön. 45–433<br>16724. acutus (Say) 24–310                          | N.Y.Pa.Ga.<br>Ky.Mo. | Achrastenus Horn 76–97<br>16725. griseus Horn 76–98 Tex. |
|-----------------------------------------------------------------------------------|----------------------|----------------------------------------------------------|
| Phyllobiini                                                                       |                      | Unidentified Genus                                       |
| Phyllobius Germ. 24-447<br>16726. glaucus Scop. 63-31<br>calcaratus (Fab.) 98-485 | †CanEur.             | Leposoma Mots. 45-105 — californica Mots. 45-105 Cal.    |

# CURCULIONINÆ

(Curculionoidea Hopkins 11-11) Picrce 16-463

# SITONINI

Allard 64; Leconte 76; Casey 88; Wildermuth 10

| Sitona Germ. 17–341             |                | Sitona Germ.                  | N. G.I        |
|---------------------------------|----------------|-------------------------------|---------------|
| (Sitones ‡ auct.)               | TI NO.1        | h. osculans Csy. 88–290       | No.Cal.       |
| 16727. flavescens Marsh. 02–311 | Eur.Nfld       | 16732. prominens Csy. 88–291  | So.Cal.       |
|                                 | Minn.Pa.Fla.   | a. hispidiceps Csy. 88–292    | Ariz.         |
|                                 | Ia. O.Ind.Ill. | b. angustulus Csy. 88–292     | Cal.          |
|                                 | Mich.N.Y.      | c. explicitus Csy. 88–293     | So.Cal.       |
|                                 | Can. N.S.      | d. apacheanus Csy. 88–294     | Ariz.So.Cal.  |
|                                 | Atl. St.       | 33. sparsus Csy. 88–295       | No.Cal.       |
| octopunctatus Fåhr. 40-26       | 37             | 34. californicus Fåhr. 40–267 | Cal. Or.      |
|                                 | Eur. Sib.      | 35. vittatus Lec. 57–54       | Cal.          |
| 28. hispidulus (Fab.) 76–226    | Can.Pa.N.J.    | 36. indifferens Say 31–10     | Mo.           |
| 20. mspiaulus (1 ab.) 10 220    | Neb.D.C.Eur.   | 37. lineellus Bonsd. 85–30    | Kan.Tex.Eur.  |
| 29. extrusus Csy. 88–282        | L.Cal. [Sib.   | a. scissifrons Say 31–10      | [Sib. Alas.   |
| 30. varians Csy. 88–283         | No.Cal.        | 38. tibialis Hbst. 95–217     | Eur.Alas.Can. |
|                                 |                | 55. tibians 110st. 95-217     |               |
| 31. sordidus Lec. 57–54         | Cal. So.Cal.   |                               | Dak.H.B.T.    |
| a. margaritosus Csy. 88–284     |                |                               | NfldVanc.     |
| b. procerus Csy. 88–284         | Cal.           |                               | N.Mex.Mich.   |
| c. occidentalis Csy. 88–285     | Cal.           | vittatus    Couper 65–63      | [Colo.        |
| d. eximius Csy. 88–286          | Nev.           | 39. crinitus Gyll. 34–124     | Eur.Or.Cal.   |
| e. montanus Csy. 88–287         | Cal.           |                               | So.Cal. Sib.  |
| f. nebulosus Csy. 88–288        | So.Cal.        | seniculus Mann. 43–290        |               |
| g. alternans Csy. 88–288        | Cal.           | 40. discoidea Gyll. 34–112    | Eur. R.I.     |
|                                 |                |                               |               |

In the arrangement of Sitona above I have been governed by studies of large series of castern species in reducing to varietal rank some of the names assigned by Col. Casey to western forms.

† Introduced.

# ALOPHINI

| •                                                           | ALO                | PHINI                                                         |                          |
|-------------------------------------------------------------|--------------------|---------------------------------------------------------------|--------------------------|
| Trichalophus Lee. 76–118                                    |                    | Plinthodes Lee. 76–117                                        |                          |
| 16741. alternatus (Say) 31–10                               | Can. L.Sup.        | 16749. tæniatus (Lee.) 57–55                                  | Or. Vane.                |
| 42. didymus (Lee.) 54–20                                    | Or.<br>Alas. Wash. | Asmmonium I as 76 110                                         |                          |
| 43. eonstrietus (Lee.) 57–54<br>alternatus ‡ Mann. 43–29    |                    | <b>Acmægenius</b> Lee. 76–118<br>16750. hylobinus Lee. 76–118 | Or.                      |
| 44. seriatus (Mann.) 53–245                                 | Alas.              | 10700. Hylophius Dec. 70-110                                  | OI.                      |
| 45. simplex Lee. 76–119                                     | Man. H.B.T.        | Lophalophus Lee. 76–120                                       |                          |
| 46. areuatus Fall 07–264                                    | N.Mex.             | (Liophlaus ‡ Mann.)                                           |                          |
| 47. planirostris Lee. 76–413                                | Colo.              | 16751. inquinatus (Mann.)52–351                               | Alas.                    |
| Triglyphulus Ckll. 06–243                                   |                    | Lepidophorus Kby. 37-201                                      |                          |
| (Triglyphus    Lee. 76–116                                  | 3)                 | 16752. setiger Ham. 95–347                                    | Pa.Va.N.Y.               |
| 16748. ater (Lee.) 76–117                                   | Cal.               | 53. lineatieollis Kby. 37–201                                 | Alas. N.Mex.             |
|                                                             |                    |                                                               | Colo. Sib.               |
|                                                             | Нүрі               | ERINI                                                         |                          |
| Case                                                        | ev 95: Hamilton 9  | 6; Dietz 89; Titus 11                                         |                          |
|                                                             |                    | Phytonomus Sehön.                                             |                          |
| <b>Hypera</b> Germ. 17–340<br>16754. punetata (Fab.) 75–150 | †Eur.N.E.U.S.      | 16766. postieus (Gyll.) 13–113                                | †Eur.Ut.Wy.              |
| 10101. punctutu (1 tib.) 10 100                             | Sib.               | hæmorrhoidalis    (Hbst.)                                     |                          |
| austriaeus (Sehr.) 81–123                                   | B.CCal.            | variabilis    (Hbst.) 95–263                                  | 3                        |
| pietus (Foure.) 85–117                                      | N.Y.Can.Pa.        | bimaeulatus    (Marsh.) 02                                    |                          |
| 1: '(C 1) 00 1700                                           | 0.                 | pollux ‡ (Gyll.) 13–1                                         |                          |
| linzensis (Gmel.) 90–1799<br>medius (Marsh.) 02–302         | Ind. W.Va.         | sublineata (Curtis) 26–10<br>villosula (Curtis) 26–21         |                          |
| proximus (Carm.) 33–24                                      |                    | pieipes (Curtis) 26–3                                         |                          |
| rufus (Boh.) 34–402                                         |                    | pheopa (Steph.) 29–169                                        |                          |
| hostilis (Dej.) 37–287                                      |                    | rufipes (Steph.) 29–169                                       |                          |
| opimus (Lee.) 76–124                                        | Pa. Can.           | pareus Gyll. 34–390                                           |                          |
| fallaeiosus (Desb.) 46–67                                   |                    | tibialis Hoehh. 51–44                                         |                          |
| Phytonomus Sehön. 26–175                                    |                    | sieulus Capiom. 68–207<br>serieeus Capiom. 68–207             |                          |
| 16755. eximius Lee. 76–414                                  | Ill.Kan. Man       | pontieus Capiom. 68–208                                       |                          |
|                                                             | Tex.               | murinus ‡ Titus olim                                          |                          |
| 56. quadrieollis Lec. 76–126                                | Dak. Colo.         | Tonyrus Corm 17 240                                           |                          |
| 57. eomptus Say 31–12                                       | Mo. CanTex.        | <b>Lepyrus</b> Germ. 17–340<br>16767. palustris Seop. 63–33   | Lab.Mass.                |
| diversus Dej. 33–263<br>58. diversipunetatus (Sehr.) 98     | Or.<br>8–546       | 101011 parasans beop. do do                                   | Wis.La.Eur.              |
| oo. arversipuncturus (Sent.) se                             | Greenland          | geminatus Say 31–12                                           | IllColo. [Sib.           |
| elongatus    Payk. 92–45                                    | Eur. Sib.          | eolon L. 71–531                                               | H.B.T.                   |
| 59. seriatus Mann. 53–107                                   | Alas.              | eanadensis Csy. 95–824                                        | N.W.Can.                 |
| pubicollis ‡ Webs. 09–80                                    | Ind.Man.Alb.       | pinguis Csy. 95–825<br>oregonus Csy. 95–826                   | Colo.<br>Or.             |
| 60. trivittatus Say 31–12                                   | B.C.               | perforatus Csy. 95–827                                        | B.C.Wash.                |
| setigerus Lee. 76–125                                       | Kan.Ill.Neb.       |                                                               | No.Cal.                  |
| eastor ‡ Kwiat 03–335                                       | [N.Mex.            | 4-notatus Boh. 42–295                                         | Lab. Can.                |
| 61. maritimus Titus 11–432                                  | Mass.              | 68. alternans Csy. 95–823<br>69. eapueinus Sehall. 83–283     | Me. N.H.<br>Eur.&Mieh.   |
| rumieis ‡ eolleetions.<br>62. eastor Lee. 76–126            | Can. Man.          | 70. gemellus Kby. 37–198                                      | Alas. H.B.T.             |
| 63. pubicollis Lee. 76–125                                  | Vane.              | 71. errans Csy. 95–823                                        | N.Mex.                   |
| 64. meles (Fab.) 92–466                                     | †Eur.Ct.N.Y.       | (Listroderi)                                                  |                          |
| griseus    (Mull.) 76–88                                    | [N.J.              | Listronotus Jek. 64–538                                       |                          |
| trifolii (Hbst.) 95–266                                     |                    | (Listroderes Sehön. 26–158                                    |                          |
| borealis (Payk.) 00–249                                     | <b>87</b>          | 16772. obliquus Lee. 76–129                                   | Tex.                     |
| plantaginis (Marsh.) 02–26<br>stramineus (Marsh.) 02–26     |                    | 73. sordidus (Gyll.) 34–280<br>?distinguendus (Gyll.) 34–2    | Ont.MassGa.<br>281 [Tex. |
| pieipes (Dej.) 21–89                                        | ,                  |                                                               | Que.MiehGa.              |
| murina ‡ (Steph.) 29–168                                    |                    |                                                               | Que.Ga.Ill.              |
| eastor ‡ Smith 10–381                                       | C- III             | 76. eallosus Lee. 76–130                                      | Ont.N.YGa.               |
| ?polygoni Fab. 01–520                                       | So.Ill.            |                                                               | Tex. [La.                |
| 65. nigrirostris (Fab.) 75–132                              | †N.BVa.<br>Minn.   | 78. inæqualipennis(Boh.)40–18                                 | M.& S. St.               |
| variabilis (Fab.) 81–67                                     | Eur. Mass.         | 79. eaudatus (Say) 23–311                                     | W.St. Can                |
| vireseens (Quen.) 90–16                                     | Mieh. Can.         | 80. americanus Lee. 76–131                                    | Ga. [Mo.                 |
| fulvipes (Turton) 01–215                                    |                    | 81. rotundieollis Lee. 76–132                                 | Ga. La.                  |
| stierlini Capiom. 68–223                                    |                    |                                                               | Colo.                    |
| viridis (Prov.) 77–518                                      |                    | 83. appendieulatus (Boh.) 40–3                                | 192                      |

Can.-Tex.

hirtus Petri 01–165

| Listronotus Jek                                           |               | Hunaradas Jak                                                |                       |
|-----------------------------------------------------------|---------------|--------------------------------------------------------------|-----------------------|
| 16784. sulcirostris Lec. 76–132                           | Ga. Fla. D.C. | Hyperodes Jek.<br>16812. tenchrosus (Dietz) 89–38            | Nob Mont              |
| 10704. Sulchostris Lec. 70-152                            | 0.            | 10012. tenentosus (Dietz) 09-50                              | Neb.Mont.<br>Dak. Wy. |
| 85. nebulosus Lec. 76–133                                 | MoN.J.Fla.    | 13. alternatus (Dietz) 89–38                                 | Ill.                  |
| 86. frontalis Lec. 76–133                                 | Mich.N.Y.Ga.  | 14. peninsularis Blatch. 16-169                              |                       |
| 87. floridensis Blatch. 16–160                            | Fla. [Tex.    | 15. montanus (Dietz) 89–39                                   | Ind. Dak.             |
| 88. palustris Blatch. 16–160                              | Fla.          | 16. interstitialis (Dietz) 89–39                             |                       |
| 89. oregonensis Lec. 57–55                                | Or.           | 17. horni (Dietz) 89-40                                      | Ga. Fla.              |
| 90. latiusculus (Boh.) 40–199                             | Mich.Ga.Que.  | 18. setiger (Dietz) 89–41                                    | Fla.                  |
| 91. bagoiformis Champ. 02-13                              | 20            | 19. delumbis (Gyll.) 34–203                                  | QueMont               |
| •                                                         | Mex. Utah     | 20. subcribratus (Dietz)89-42                                |                       |
| 92. rudipennis Blatch. 16–162                             | Ind.Ill.Mo.   | 21. sparsus (Say) 31–11                                      | E.&W.St.              |
| 93. cribricollis Lec. 76–134                              | Ga.           | squalidus (Gyll.) 34–181                                     | [CanMo.               |
| 94. impressifrons Lec. 76–134                             |               | lineatulus (Say) 31-12                                       |                       |
| 95. setosus Lec. 76–134                                   | Fla. Ga. Tex. | 22. longulus (Dietz) 89–44                                   | Dak. Wy.              |
| 96. debilis Blatch. 16–164                                | Ind.          | 23. rotundicollis(Dietz),89–44                               |                       |
| 97. punctiger Lec. 76–135                                 | Dak.          | 24. obscurellus (Dietz) 89–45                                | Tex.D.C.N.Y.          |
| 98. teretirostris Lec. 57–55                              | Cal.          |                                                              | Mont.                 |
| 99. gracilis Lec. 76–135                                  | Nev.          | 25. imbellis (Dietz) 89–45                                   | La. Wash.             |
| 16800. nevadicus Lec. 76–135                              | Nev.          | 26. schauppi (Angell) 93–12                                  | Tex.                  |
| ** 1 1 04 700                                             |               | 27. hirtellus (Dietz) 89–46                                  | N.Mex. Ariz.          |
| Hyperodes Jek. 64–566                                     |               | 28. echinatus (Dietz) 89–46                                  | MassAriz.             |
| (Macrops   Kby. 37–199)                                   | C V           | 29. novellus Blatch. 16–174                                  | Fla.                  |
| 16801. solutus (Boh.) 40–197                              | CanKan.       | 30. minimus Blatch. 16–175                                   | Fla.                  |
| 02. deceptus Blatch. 16–167                               | Ind.          | 31. obtectus (Dietz) 89–47                                   | Ariz.                 |
| 03. indistinctus (Dietz) 89–32                            | Fla. Ga.      | 32. myascllus (Dietz) 89–48                                  | Colo.                 |
| 04. cryptops (Dietz) 89–32<br>05. hyperodes (Dietz) 89–33 | Cal.          | 33. mirabilis (Dietz) 89–49<br>34. vitticollis (Kby.) 37–200 | Ill.<br>H.B.T.        |
| 06. nevadensis (Dietz) 89–34                              | Nev.          | vittaticollis ‡ (Dietz) 89–49                                |                       |
| 07. grypidioides (Dietz) 89–38                            |               | 35. humilis (Gyll.) 34–284                                   | NfldMont.             |
| wickhami (Dietz) 89–36                                    | N.Mex. [Ind.  | 50. Hummis (O.J.n.) 04 204                                   | Miss.                 |
| 08. laramiensis (Angell) 93–12                            | 2 Wv.         | a. maculicollis(Kby.)37-200                                  |                       |
| 09. interpunctatulus (Dietz) 8                            | 39–36         | 36. californicus (Dietz) 89–50                               |                       |
| oor interpunctuurus (2 teta)                              | NebTex.       | 37. anthracinus (Dietz) 89–51                                |                       |
|                                                           | Mont.         | 38. porcellus (Say) 31–11                                    | M.&W.St.              |
| 10. ulkei (Dietz) 89–37                                   | Wy. Dak.Tex.  | — spurcus (Boh.) 40–196                                      | 1.1.00                |
| 11. dorsalis (Dietz) 89–37                                | Ill. La. Tex. | — immundus (Boh.) 40–198                                     |                       |
| - · · · · · · · · · · · · · · · · · · ·                   |               | , , , , , ,                                                  |                       |
|                                                           | Емрну.        | astini                                                       |                       |
| Emphyastes Mann. 52-354                                   |               |                                                              |                       |
| 16839. fucicola Mann. 52–354                              | AlasSo.Cal.   |                                                              |                       |
| 100001 140.0014 11411111 02 09 1                          | 22-00- 20-00- |                                                              |                       |
|                                                           | Pisso         | DINI                                                         |                       |
|                                                           | Hopki         | ns 11                                                        |                       |
| Pissodes Germ. 17-340                                     |               | Pissodes Germ.                                               |                       |
| 16840. similis Hopk. 11–44                                | N.C. N.H.Me.  | 16854. radiatæ Hopk. 11–55                                   | Cal. Wash.            |
| 41. utahensis Hopk. 11–45                                 | Ut. B.C.      | 55. fasciatus Lec. 76–142                                    | Or.Wash.B.C.          |
| 42. barberi Hopk. 11–45                                   | No.Cal.Or.    | 56. costatus Mann. 52–354                                    | Alas. Wash.           |
| - Lat but bott 2x0 pxt 22 x0                              | Wash.         | 57. fiskei Hopk. 11–59                                       | N.H.                  |
| 43. sitchensis Hopk. 11–47                                | Or. Wash.     | ?strobi ‡ Pack. 90–829                                       |                       |

| 16840. similis Hopk. 11–44       N.C. N.H.Me.       16854. radiatæ Hopk. 11–55       Cal. Wash.         41. utahensis Hopk. 11–45       Ut. B.C.       55. fasciatus Lec. 76–142       Or.Wash.B.C.         42. barberi Hopk. 11–45       No.Cal.Or.       56. costatus Mann. 52–354       Alas. Wash.         Wash.       57. fiskei Hopk. 11–59       N.H.         43. sitchensis Hopk. 11–47       Or. Wash.       ?strobi ‡ Pack. 90–829         44. engelmanni Hopk. 11–47       Id.Mont.Colo.       58. nigræ Hopk. 11–59       N.H.         45. strobi (Peck) 17–2       N.B. N.C.Wis.       59. puncticollis Hopk. 11–60       W.Va. | Pissodes Germ. 17–340       |               | Pissodes Germ.               |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|------------------------------|--------------|
| 41. utahensis Hopk. 11-45       Ut. B.C.       55. fasciatus Lec. 76-142       Or.Wash.B.C.         42. barberi Hopk. 11-45       No.Cal.Or.       56. costatus Mann. 52-354       Alas. Wash.         Wash.       57. fiskei Hopk. 11-59       N.H.         43. sitchensis Hopk. 11-47       Or. Wash.       ?strobi ‡ Pack. 90-829         44. engelmanni Hopk. 11-47       Id.Mont.Colo.       58. nigræ Hopk. 11-59       N.H.         45. strobi (Peck) 17-2       N.B. N.C.Wis.       59. puncticollis Hopk. 11-60       W.Va.                                                                                                         |                             | N.C. N.H.Me.  |                              | Cal. Wash.   |
| 42. barberi Hopk. 11–45 No.Cal.Or. Wash.  43. sitchensis Hopk. 11–47 Or. Wash.  44. engelmanni Hopk. 11–47 Id.Mont.Colo. 45. strobi (Peck) 17–2 N.B. N.C.Wis.  56. costatus Mann. 52–354 Alas. Wash.  57. fiskei Hopk. 11–59 N.H.  58. nigræ Hopk. 11–59 N.H.  59. puncticollis Hopk. 11–60 W.Va.                                                                                                                                                                                                                                                                                                                                            |                             |               |                              |              |
| Wash. 57. fiskei Hopk. 11–59 N.H. 43. sitchensis Hopk. 11–47 Or. Wash. ?strobi ‡ Pack. 90–829 44. engelmanni Hopk. 11–47 Id.Mont.Colo. 58. nigræ Hopk. 11–59 N.H. 45. strobi (Peck) 17–2 N.B. N.C.Wis. 59. puncticollis Hopk. 11–60 W.Va.                                                                                                                                                                                                                                                                                                                                                                                                    |                             | No.Cal.Or.    | 56. costatus Mann. 52–354    |              |
| 44. engelmanni Hopk. 11–47 Id.Mont.Colo. 58. nigræ Hopk. 11–59 N.H.<br>45. strobi (Peck) 17–2 N.B. N.C.Wis. 59. puncticollis Hopk. 11–60 W.Va.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | •                           | Wash.         | 57. fiskei Hopk. 11–59       | N.H.         |
| 44. engelmanni Ĥopk. 11–47 Id.Mont.Colo. 58. nigræ Hopk. 11–59 N.H. 45. strobi (Peck) 17–2 N.B. N.C.Wis. 59. puncticollis Hopk. 11–60 W.Va.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 43. sitchensis Hopk. 11–47  | Or. Wash.     | ?strobi ‡ Pack. 90–829       |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             | Id.Mont.Colo. | 58. nigræ Hopk. 11–59        | N.H.         |
| 46 approximatus Hopk 11-40 Ma N C Wis 60 murrayang Hopk 11-60 Or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 45. strobi (Peck) 17–2      | N.B. N.C.Wis. | 59. puncticollis Hopk. 11–60 | W.Va.        |
| 40. approximatis from 11-45 Me. 14.0. Wis. 00. murrayanæ from 11-00 or.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 46. approximatus Hopk.11-49 | Me.N.C.Wis.   | 60. murrayanæ Hopk. 11-60    | Or.          |
| 47. schwarzi Hopk. 11–50 Colo. Alb. 61. coloradensis Hopk. 11–60 Colo. Dak.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 47. schwarzi Hopk. 11–50    | Colo. Alb.    |                              | Colo. Dak.   |
| costatus ‡ Hopk. 06–254 (pars) [Wash. 62. alascensis Hopk. 11–61 Alas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                             | (pars) [Wash. |                              | Alas.        |
| 48. canadensis Hopk. 11–51 Man. 63. rotundatus Lec. 76–142 Mich.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             |               |                              | Mich.        |
| 49. nemorensis Germ. 24–318 Md.Fla.Tcx. 64. burkei Hopk. 11–62 Colo. Utah                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 49. nemorensis Germ. 24–318 | Md.Fla.Tex.   |                              | Colo. Utah   |
| strobi ‡ Say 31–14 (pars) 65. piperi Hopk. 11–62 Id.Wash.B.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | strobi ‡ Say 31–14 (pars)   |               |                              | Id.Wash.B.C. |
| 50. deodaræ Hopk. 11–52 Ga. 66. dubius Rand. 38–24 Mc.N.H.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50. deodaræ Hopk. 11–52     | Ga.           | 66. dubius Rand. 38–24       | Mc.N.H.      |
| 51. californicus Ḥopk. 11–53 Cal. 67. frascri Hopk. 11–63 N.C. [Mich.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |               |                              | N.C. [Mich.  |
| 52. yosemite Hopk. 11–53 Cal. Wash. 68. affinis Rand. 38–24 N.H.Pa.Wis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |               |                              | N.H.Pa.Wis.  |
| costatus ‡ Hopk. 06–254 (pars) 69. curriei Hopk. 11–65 B.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |               | 69. curriei Hopk. 11–65      | B.C.         |
| 53. webbi Hopk. 11–54 Ariz. N.Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             | Ariz. N.Mex.  |                              |              |
| ?strobi ‡ Čhamp. 02–119                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ?strobi ‡ Champ. 02–119     |               |                              |              |

# HYLOBIINI

| Paraplinthus Faust 92–49    |      | Paraplinthus Faust                                                       |
|-----------------------------|------|--------------------------------------------------------------------------|
| 16870. shermani Fiskc 06–31 | N.C. | 16871. carinatus Boh. 40–334 OrAlas. 71½. scrobiculatus (Mann.) 43–292 Q |

| Pachylobius Lec. 76–139                                       |                                  | Heilipus Germ. 24–399                                         |                           |  |  |
|---------------------------------------------------------------|----------------------------------|---------------------------------------------------------------|---------------------------|--|--|
| 16872. picivorus (Germ.) 24–311                               | LabFlaArk.                       | 16877. squamosus (Lec.) 51–171                                |                           |  |  |
| stupidus (Boh.) 34–339                                        |                                  | ?apiatus (Oliv.) 07–171<br>78. lauri Boh. 45–443              | Ga.Fla.<br>†C.Am.Cal.     |  |  |
| Hylobius Germ. 17–340                                         | N.C. DI.                         |                                                               | Mo. D.C.                  |  |  |
| 16873. pales Boh. 34–340<br>macellus (Germ.) 24–319           | N.SFla<br>[L.Sup.                | <b>Hypomolyx</b> Lec. 76–139<br>16879. piceus (DeG.) 75–221   | Eur.& Nfld                |  |  |
| ?assimilis Boh. 34–345                                        | •                                | 10070. piceus (Dec.) 70–221                                   | N.H.Mich.                 |  |  |
| 74. confusus Kby. 37–196                                      | Lab.N.SAlas.<br>N.Y.Mass.        | pineti Fab. 87–399                                            | Sib.<br>H.B.T.Lab.        |  |  |
|                                                               | Can. Mich.                       | pinicola Couper 64–85                                         | Que. [L.Sup.              |  |  |
| Cholus Germ. 24–212<br>16875. cattleyæ Champ. 16–201          | †S.Am.Wis.                       | Eudociminus Leng 18–210                                       |                           |  |  |
| cattleyarum Barber 16–1'                                      | 78 [D.C.N.J.                     | (Eudocimus   Schön. 36-2                                      | 240                       |  |  |
| 76. forbesi Pasc. 76–30                                       | †S.Am.N.J.                       | 16880. mannerheimi Boh. 36–241                                | N.Y. Ga. La.              |  |  |
|                                                               | Erire                            | IININI                                                        |                           |  |  |
| Derelomi                                                      | (= Derelomini +                  | - Eugnomi Lec.) Fall 13                                       |                           |  |  |
| Derelomus Schön. 26–235                                       |                                  | Dorytomus Germ.                                               | NTG J NT V                |  |  |
| ( Notolomus Lec. 76–222)<br>16881. bicolor Lec. 76–222        | Fla.                             | 16909. indifferens Csy. 92–375<br>10. vagenotatus Csy. 92–376 | Nfld. N.Y<br>Ind. [Kan.   |  |  |
| myricæ Lec. 76–418                                            | Fla.<br>Fla. Ga.                 | 11. subsimilis Blatch. 16–197<br>12. rufus (Say) 31–25        | Ind.Ill.Mass.             |  |  |
| 82. basalis Lec. 76–222                                       | ria. Ga.                         | 12. Turus (Say) 51–25                                         | (So.Cal.?)<br>Kan.        |  |  |
| Euclyptus Dietz 91–271<br>(Eulyptus ‡ err. typ.)              |                                  | 13. fusciceps Csy. 92–377                                     | Mo. Miss.<br>Ia.Mich.N.Y. |  |  |
| 16883. testaceus Dietz 91–272                                 | N.Y.                             | 14. brevicollis Lec. 76–165                                   | N.Y.L.Sup.                |  |  |
| 84. derivatus Fall 13–44<br>85. rutilus Fall 13–43            | N.Mex.<br>Cal. Ariz.             | dubius (Dietz) 91–263                                         | Minn.B.C.<br>Can.         |  |  |
| 86. sejunctus Fall 13–45                                      | Colo.                            | 15. subsignatus (Mann.) 53–2                                  | 41                        |  |  |
| 87. equisectus Fall 13–44<br>88. ferrugineus (Lec.) 76–174    | N.Mex.<br>N.J.Fla.Ia.            | 16. longulus Lec. 76–166                                      | Alas.<br>Alas. Ont.       |  |  |
|                                                               | 20002                            | 17. squamosus Lec. 76–166                                     | Ky.Ill.Kan.               |  |  |
| <b>Phyllotrox</b> Schön. 43–189<br>16889. nubifer Lec. 76–174 | So.CalColo.                      | tessellatus    Walsh 66–26'<br>angustatus (Dietz) 91–26       |                           |  |  |
| 90. quadricollis Fall 07-265                                  | N.Mex.                           | 18. marmoreus Csy. 92–381                                     | N.Mex.                    |  |  |
| Erirhini                                                      |                                  | Grypidius Schön. 26–231                                       |                           |  |  |
| Dorytomus Germ. 17–340<br>(Alycodes Dietz 91–263)             |                                  | (Grypus Germ. 17–340)<br>16919. equiseti (Fab.) 98–403        | Eur.Sib.Can.              |  |  |
| 16891. inæqualis Csy. 92–364                                  | So.Cal.Ariz.                     | 10010. equiscu (Fab.) 98–400                                  | Me.N.Y.Ia.                |  |  |
| 92. brevisetosus Csy. 92–365<br>93. mucidus (Say) 31–14       | Ariz.<br>Can.Ind.Neb.            |                                                               | Wy.L.Sup.<br>Kan.Wash.    |  |  |
| 94. laticollis Lec. 76–164                                    | Mich.Ia. [Ga.                    | 00 1 (TI 1 ) 01 4                                             | Mich.                     |  |  |
| 95. frosti Blatch. 16–195                                     | N.Eng.<br>Mass.                  | 20. brunnirostris (Fab.) 01–4                                 | 45<br>Eur.& Or.           |  |  |
| 96. amplus Csy. 92–367<br>97. parvicollis Csy. 92–367         | Colo.<br>IndN.H.                 |                                                               | Colo. Wy.                 |  |  |
| 98. hystricula Csy. 92–368                                    | Cal. So.Cal.                     | Notaris Germ. 17–340                                          |                           |  |  |
| 99. hispidus Lec. 67–167<br>16900. hirtus Lec. 76–166         | N.Mex.<br>So.Cal.                | (Erycus Tourn. 74–92)<br>16921. aethiops (Fab.) 92–405        | Lab.Eur.Sib.              |  |  |
| 01. filiolus Csy. 92–370                                      | Colo.                            |                                                               | AlasL.Sup.<br>Vanc.       |  |  |
| 02. mannerheimi(Gemm.)72-                                     | 122<br>Alas.                     | morio (Mann.) 53–240                                          | N.H.Wy.Colo.              |  |  |
| vestitus    (Mann.) 53-241                                    | 2                                | 22. puncticollis (Lec.) 76–163                                | Nfld.N.Y<br>Wis.          |  |  |
| 03. nubeculinus Csy. 92–371<br>04. luridus (Mann.) 53–241     | Colo.<br>Alas. So.Cal.           | 23. wyomingensis Chitt. 06–1                                  | 15                        |  |  |
| 05. rufulus (Mann.) 53-240                                    | Alas.                            | <b>D</b>                                                      | Wy. Colo.                 |  |  |
| 06. cuneatulus Csy. 92–374<br>07. alaskanus Csy. 92–374       | No.Cal.<br>Alas.                 | <b>Procas</b> Steph. 31–90<br>16924. lecontei Bedel 79–18     | L.Sup. Ont.               |  |  |
| 08. marginatus Čsy. 92–375                                    | Cal.                             | picipes ‡ Lec. 76–162                                         |                           |  |  |
|                                                               | Smicronychi (= Desmori) Dietz 94 |                                                               |                           |  |  |
| Pachyphanes Dietz 94–115                                      |                                  | Pachyphanes Dietz.                                            |                           |  |  |
| (Pachytychius ‡ Lec. nec d<br>(Barytychius Jek. ‡ 61–27       |                                  | * 16925. discoideus (Lec.) 76–169                             | N.J.N.Y.Ill.              |  |  |
| (2.0.30300003 0000 4 01 21                                    |                                  | 1                                                             | Tex.                      |  |  |

† Introduced (Cholus in Orchid houses).

| Park whomas D:                                         |                               | Consideration C. I                                      |                      |
|--------------------------------------------------------|-------------------------------|---------------------------------------------------------|----------------------|
| Pachyphanes Dietz<br>16926. carus Dietz 94–117         | Cal.                          | Smicronyx Schön.<br>16970. seriatus Lec. 76–172         | Cal.                 |
| 27. corpulentus (Lec.) 76–170                          |                               | 71. fraterculus Dietz 94–151                            | Ariz.                |
| centralis Dietz 94–118                                 | Tex. [Ark.                    | 72. connivens Csy. 92–398                               | MassMo.              |
| 28. lateralis Dietz 94–118                             | Tex.                          | languidulus Ďietz 94–152                                | Md. D.C.             |
| **                                                     |                               | 73. tychioides Lec. 76–171                              | Kan.N.Y.             |
| 29. lineolatus Csy. 92–385                             | Tex. Ill. Mo.                 | 74                                                      | D.C. Tex.            |
| 30. triangularis Dietz 94–120                          | Tex.                          | 74. atratus Dietz 94–153                                | Tex. D.C.            |
| 31. amœnus (Say) 31–26                                 | N.Y.D.C                       | 75. congestus Csy. 92–401                               | Colo.Ill.D.C. Mass.  |
|                                                        | Dak. Tex.                     | 76. sculpticollis Csy. 92–403                           | L.I.D.C.Ia.          |
| Desmoris Lec. 76–167                                   | G 1 77 m                      | 77. sagittatus Csy. 92–402                              | R.I. [Tex.           |
| 16932. scapalis Lec. 76–168                            | Colo.Kan.Tex.                 | 78. apionides Csy. 92–405                               | Md.N.C.Tex.          |
| compar Dietz 04 1920                                   | (N.H.?)<br>Ill.               | (Passidramianama Diota 0                                | 4 120\               |
| compar Dietz 94–123 ♀<br>33. obesus Dietz 94–124       | Neb.                          | (Pseudromicronyx Dietz 9                                | 4-130)               |
| 34. montanus Dietz 94–124                              | Mont.                         | 79. nebulosus Dietz 94–157                              | N.J.D.C.Ind.         |
| 35. pervisus Dietz 94–125                              | Dak.Wis.Ill.                  | 80. ornatipennis Dietz 94–158                           |                      |
| incertus Dietz 94–125                                  | Kan.Dak.Cal.                  | 81. fallax Dietz 94–158                                 | Tex. Kan.            |
| 36. floridanus Dietz 94–126                            | Fla.                          | 82. caseyi Blatch. 16–10                                | KanMont.             |
| 37. constrictus (Say) 23–313                           | Kan.Ariz.                     | vestitus ‡ Csy. Dietz nec I                             |                      |
| 38. sordidus (Lec.) 76–173                             | So.Cal.(N.J.?)<br>TexCal.Ill. | 83. vestitus Lec. 76–172                                | Kan.                 |
| 39. humilis Dietz 94–127                               | Kan. [Ariz.                   | 84. commixtus Dietz 94–160 **                           | Mont.                |
| 40. fulvus (Lec.) 76–172                               | Mo.Ut.Cal.                    |                                                         | т.                   |
| 41. flavicans (Lec.) 76–171                            | Tex. Ariz.                    | 85. perfidus Dietz 94–161<br>86. maculatus Dietz 94–162 | Ia.<br>Ind.Pa.Dak.   |
| 42. fiducialis (Csy.) 92–399                           | Ia.                           | 87. perpusillus Csy. 92–405                             | Fla. [D.C.           |
| ~ · Cl. · 40.010                                       |                               | 88. interruptus Blatch.16–220                           |                      |
| Smicronyx Schön. 43–313                                |                               | 89. squamulatus Lec. 76–173                             | Mich.N.J.            |
| * 10049 111: 4: C 00 407                               | DIDC                          | columbianus Dietz 94–162                                |                      |
| 16943. gibbirostris Csy. 92–407                        | Del. D.C.<br>D.CInd.          | 90. californicus Dietz 94–163                           | So.Cal.Ariz.         |
| 44. squalidus Csy. 92–407<br>setulosus Dietz 94–132    | Tex. Ill.                     | 91. corniculatus Fåhr. 43–319                           | E.St.Wis.Kan.        |
| 45. cinerascens Dietz 94–132                           | Tex.                          | lanuginosus Dietz 94–165                                | QueD.C.<br>D.C. Pa.  |
| 46. morio Dietz 94–133                                 | Pa. Dak.                      | 92. spurcus Csy. 92–393                                 | Ariz.                |
| 47. tesselatus Dietz 94–134                            | Tex.D.C.Ind.                  | 93. abnormis Dietz 94–166                               | N.Mex.               |
| 48. ovipennis Lec. 76–170                              | O.Mont.Tex.                   | 94. vitiosus Dietz 94–167                               | Ariz.                |
| 49. impressirostris Dietz 94–1                         | 35<br>C. III I. J             | 95. rufulus Dietz 94–167                                | N.Mex.Ariz.          |
| **                                                     | So.Ill.Ind.                   | ****                                                    |                      |
| 50. profusus Csy. 92–389                               | Ariz.                         | 96. obtectus Lec. 76–171                                | Cal. So.Cal.         |
| 51. intricatus Csy. 92–390                             | Tex.Ariz.                     | 97. parcus Dietz 94–169                                 | Nev.                 |
| 52. mucidus Dietz 94–138                               | Wash.N.Mex.                   | 98. albosquamosus Dietz 94–1                            | Ariz.                |
| 53. perplexus Dietz 94–138                             | Cal.                          | 99. lutulentus Dietz 94–170                             | Tex.                 |
| 54. tardus Dietz 94–139<br>55. picipes Dietz 94–140    | Cal.<br>Va.                   | ****                                                    |                      |
| 56. rhodopus Dietz 94–140                              | Tex.                          | 17000. pinguis Blatch. 16–215                           | Ind.                 |
| 57. pusillus Dietz 94–141                              | So.Cal.                       | 01. griseus Lec. 76–171                                 | Neb.Dak. N.J.        |
| 58. resplendens Dietz 94–142                           | Cal.                          | 02. rusticus Dietz 94–171                               | Mont. [N.C.          |
| 59. pusio Lec. 76–171                                  | Cal.                          | 03. sparsus Csy. 92–394                                 | Colo.D.C.            |
| ***                                                    | 27                            | 04. pleuralis Csy. 92–395                               | Ariz.                |
| 60. cognatus Dietz 94–144                              | Nev.                          | Synertha Dietz 94–172                                   |                      |
| 61. defricans Csy. 92–406<br>62. spretus Dietz 94–145  | Cal. So.Cal.<br>Ariz.         | 17005. imbricata (Csy.) 92–409                          | So.Cal. Ariz.        |
| 62. spretus Dietz 94–143<br>63. cinereus Mots. 45–376  | So.Cal.Vanc.                  | silacea Csy. 92–392                                     | Ariz.                |
| 64. scalator Dietz 94–147                              | Cal.                          | 06. horni Dietz 94–173                                  | Ariz.                |
| 65. lepidus Dietz 94–147                               | Ariz.                         | 07. wickhami Dietz 94–174                               | Ariz.                |
| 66. quadrifer Csy. 92–388                              | Ariz.Ala. Tex.                |                                                         |                      |
| a. texana Blatch. 16–12                                | Tex.                          | Promecotarsus Csy. 92–408                               | C- C-1               |
| 67. instabilis Csy. 92–403<br>68. nubilus Dietz 94–149 | Cal. So.Cal.<br>Cal. So.Cal.  | 17008. maritimus Csy. 92–409<br>09. densus Csy. 92–410  | So.Cal.<br>Neb. Kan. |
| 69. posticus Dietz 94–149                              | Md.                           | 10. fumatus Csy. 92–410                                 | Mont.Dak.            |
| Or position Dicta of 100                               |                               | 20. 14114000 00,102 110                                 | L.IOH (.I) ak.       |
|                                                        | Hydro                         | ONOMI                                                   |                      |
| Stenopelmus Schön. 36–469                              |                               | Brachybamus Germ. 36–330                                |                      |
| (Monius Schön. 45–501)                                 |                               | 17012. electus Germ. 36–330                             | MassD.C.             |
| 17011. rufinasus Gyll. 35-409                          | Fla. Ind.                     |                                                         | Fla. Ind.            |
|                                                        | So.Cal.                       | ?incertus Boh. 43–186                                   | Boston, Mass.        |
|                                                        |                               |                                                         |                      |

| 320                                                                                                                                                                                    | CURCUL                                           | IONIDÆ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                            |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Onychylis Lec. 76–178 17022. nigrirostris (Boh.) 43–184 23. longulus Lec. 76–179 24. alternans Lec. 76–179 Anchodemus Lec. 76–181 17025. angustus Lec. 76–181 26. hubbardi Lec. 76–181 | Mich. Mass.<br>Tex.<br>CanFla.<br>Mich. Mass.    | Bagous Germ. 17031. cavifrons Lec. 76–186 32. maculatus Blatch. 16–232 33. lunatus Blatch. 16–232 34. atratus Blatch. 16–233 35. puritanus Blatch. 16–233 36. restrictus Lec. 76–187 **  37. americanus Lec. 76–185 38. blanchardi Blatch. 16–235 39. mammillatus Say 31–28 40. pusillus Lec. 76–187 41. sellatus Lec. 76–184 42. planatus Lec. 76–185 43. obliquus Lec. 76–185 44. nebulosus Lec. 76–186 45. californicus Lec. 76–187 46. transversus Lec. 76–188 47. ochraceus Blatch. 16–237 48. bituberosus Lec. 76–188 | Fla.(N.J.?) Fla. Fla. Fla. Ind. Fla. Mass. Tex.Ia.O.N.Y.  Que.Fla.Mich. Mass. Fla.Que.D.C. Fla. [Mo. Ga. Va. O. L.Sup.N.Y. Que.Fla.Ia. Mich.Mass. So.Cal. Mich.D.C. Ind. Fla.D.C.Mich. Ia. |  |  |
| 27. schwarzi Lec. 76–182                                                                                                                                                               | Mich.                                            | 49. pauxillus Blatch. 16–238                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Conn. Mass.                                                                                                                                                                                |  |  |
| Lixellus Lec. 76–182 17028, filiformis Lec. 76–182  Lissorhoptrus Lec. 76–183                                                                                                          | Can. Or. Colo. [Nev.                             | binodulus Hbst. 95–247 <b>Pnigodes</b> Lec. 76–188 17050. setosus Lec. 76–189                                                                                                                                                                                                                                                                                                                                                                                                                                               | Eur.(N.Am.?) Tex.                                                                                                                                                                          |  |  |
| 17029. simplex (Say) 31–29<br>?apiculatus (Gyll.) 36–320<br>egenus (Gyll.) 36–549                                                                                                      | CanFla. Tex. ) Mo. N.J. Tex.                     | <b>Phycocœtes</b> Lec. 76–189 17051. testaceus Lec. 76–189                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | So.Cal.                                                                                                                                                                                    |  |  |
| <b>Bagous</b> Germ. 17–340                                                                                                                                                             |                                                  | Schizomicrus Csy. 05–164<br>(Schizonotus    Csy. 92–708                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3)                                                                                                                                                                                         |  |  |
| 17030. magister Lec. 76–187                                                                                                                                                            | Can.N.J.Tex.                                     | 17052. cœcus Csy. 92–709                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cal.                                                                                                                                                                                       |  |  |
|                                                                                                                                                                                        | Trach                                            | ODINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                            |  |  |
| Trachodes Germ. 24–325<br>17053. ptinoides Germ. 24–327<br>54. quadrituberculatus Mann.                                                                                                | Alas. Vanc.<br>52–355<br>Alas.                   | Aparapion Hampe 61–63<br>17055. horridus Mann. 52–354                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Alas. Vanc.                                                                                                                                                                                |  |  |
|                                                                                                                                                                                        | Туснимі                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                            |  |  |
|                                                                                                                                                                                        | Leconte 76;                                      | Casey 92–10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                            |  |  |
| Proctorus Lec. 76–212<br>(Encalus Lec. 76–213)<br>17056. armatus Lec. 76–212<br>57. decipiens (Lec.) 76–213                                                                            | Mich.<br>QueColo.                                | 71. varius Lec. 76–215                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tex.Mo.Ind.<br>Tex.                                                                                                                                                                        |  |  |
| Thysanocnemis Lec. 76–214<br>17058. fraxini Lec. 76–214<br>horridula Csy. 92–426<br>59. punctata Csy. 10–129<br>60. bischoffi Blatch. 16–241                                           | Pa.Can.D.C.<br>Ind. [Ill.<br>Ia.<br>Ind.Ill.N.J. | Tychius Germ. 17–340 (Miccotrogus ‡ auct.nec Sch 17072. lincellus Lec. 76–217 a. tacitus Csy. 10–132 b. hesperis Csy. 10–133 c. radians Csy. 10–133                                                                                                                                                                                                                                                                                                                                                                         | nön.)<br>Cal. So.Cal.<br>Cal.<br>No.Cal.<br>So.Cal.                                                                                                                                        |  |  |

| Procuorus Lec. 70-212                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                      | Tyropier us Lee. 10-219                            |                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| (Encalus Lec. 76–213)                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                      | 17070. pallidus Lcc. 76–215                        | Tex.Mo.Ind.                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Mich.                                                                                                                |                                                    |                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                      | V 1 V (                                            | 2011                                                                                                                            |
| (Encatus Lec. 76–213) 17056. armatus Lec. 76–212 57. decipiens (Lec.) 76–213  Thysanocnemis Lec. 76–214 17058. fraxini Lec. 76–214 horridula Csy. 92–426 59. punctata Csy. 10–129 60. bischoffi Blatch. 16–241 61. balaninoides Schffr. 08–21 62. ocularis Csy. 10–129 63. helvola Lec. 76–214 64. squamiger Csy. 92–426 65. brevis Csy. 10–129  * 66. graphica Csy. 92–425  Loceptes Csy. 10–130 17067. recessus Csy. 10–130  Plocetes Lec. 76–213 | Mich. QucColo.  Pa.Can.D.C. Ind. [Ill. Ia. Ind.Ill.N.J. 7 N.J.Ind.Tex. Ncb. Ind. Ont.D.C.Ill. Ariz. Neb. Ariz. Okla. | 71. varius Lec. 76–215 <b>Tychius</b> Germ. 17–340 | chön.) Cal. So.Cal. Cal. No.Cal. So.Cal. Cal. Cal. Ia.Ill.La.Tex. N.C. Ia. Tex. †Eur.Me.N.H. N.Y. [Mass. Kan.Colo. Colo. [Mont. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N V Flo Mich                                                                                                         | 76. arator Gyll. 34–414                            | Tex.Ill.Mo.                                                                                                                     |
| 17068. ulmi Lee. 76–213                                                                                                                                                                                                                                                                                                                                                                                                                             | N.Y.Fla.Mich.                                                                                                        | 77. liljebladi Blatch. 16–246                      | Ind.                                                                                                                            |
| Chionanthobius Pierce 12-168                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                      | *                                                  |                                                                                                                                 |
| 17069. schwarzi Pierce 12–168                                                                                                                                                                                                                                                                                                                                                                                                                       | MdFla.                                                                                                               | 78. soltaui Csy. 92–416                            | Wy.                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                      |                                                    |                                                                                                                                 |

| Tychius Germ. |                                                  | Tychius Germ |        |                                         |               |
|---------------|--------------------------------------------------|--------------|--------|-----------------------------------------|---------------|
| 17079.        | hirtellus Lec. 76–218                            | Tex.         | b.     | puellus Csy. 10–137                     | Tex.          |
| 80.           | aratus (Say) 31-26                               | Mont.        | c.     | atomus Csy. 10–137                      | So.Cal.       |
| 81.           | semisquamosus Lec. 76-21                         |              | d.     | echinus Csy. 10–138                     | Ariz.         |
|               |                                                  | Cal.         | e.     | hystrix Csy. 10–138                     | Ariz.         |
| 82.           | lamellosus Csy. 92–418                           | Utah         |        | vernilis Csy. 10–138                    | Ariz.         |
|               | (Paratychius Csy. 10–135)                        |              |        | fatuus Csy. 10–139                      | Ariz.         |
| 83            | prolixus Csy. 92–419                             | Nev. So.Cal. |        | fraterculus Csy. 10–139                 | Ariz.         |
|               | imbricatus Csy. 10–135                           | So.Cal.      |        | subfasciatus Csy. 92–423                | Tex.          |
| и.            | •                                                |              |        | hispidus Csy. 92–424                    | Ariz.         |
| 0.4           | (Microtychius Csy. 10–136                        | Ariz. Tex.   |        | transversus Csy. 97–665                 | Ariz.         |
|               | variegatus Csy. 92–420<br>sulcatulus Csy. 97–664 | Tex.         | 95.    | inermis Csy. 97–664                     | Tex.          |
|               | dulcis Csy. 10–140                               | Utah         |        | (Sibinia Germ. 17–340)                  |               |
|               | albidus Schffr. 08–219                           | So.Cal.      |        | (Sibynes Schön. 26–245)                 |               |
|               | simplex Csy. 92–421                              | Tex. Ariz.   |        | suturalis Schffr. 08–218                | Ariz. Tex.    |
|               | imbellis Csy. 10–140                             | Ariz.        |        | ochreosus Csy. 97–666                   | Tex.          |
|               | porcatus Csy. 10–141                             | Ariz.        |        | pallidus Schffr. 08–218                 | Tex.          |
| υ.            | curtipennis Csy. 10–141                          | Tex.         | 99.    | fulvus Lec. 76–219                      | L.Cal.So.Cal. |
|               | sibinioides Csy. 92–421                          | Ariz.        |        |                                         | Ariz.         |
|               | mica Csy. 92-422                                 | Ariz.        | Parage | oges Lec. 76-219                        |               |
|               | setosus Lec. 76–218                              | So.Cal.Ariz. |        | maculatus Lec. 76–219                   | So.Cal.       |
|               | erraticus Csy. 10–136                            | Tex.         |        | minimus Blatch. 16–247                  | Fla.          |
|               |                                                  |              |        | 200000000000000000000000000000000000000 | 2.20          |

# OTIDOCEPHALINI

# Horn 73; Casey 92; Schaeffer 07

| Erodiscus Schön. 26–237      |            | Otido  | cephalus Chev.           |              |
|------------------------------|------------|--------|--------------------------|--------------|
| 17102. tinamus Lec. 84–30    | Fla.       | 17118. | myrmex (Hbst.) 97–56     | Que.Ga.Ia.   |
|                              |            |        | myrmecodes Say 31–15     |              |
| Otidocephalus Chev. 32–98    |            |        | americanus Chev. 32–105  |              |
| 17103. vittatus Horn 73–448  | So.Cal.    | 19.    | ruficornis Csy. 92–435   | Ariz.        |
| 04. nivosus Csy. 92–429      | Ariz. Tex. | 20.    | texanus Schffr. 07–77    | Tex.         |
| 05. insignis Csy. 92–430     | Tex.       | 21.    | chevrolati Horn 73–450   | Que.R.IIa.   |
| 06. ulkei Horn 73-449        | L.Cal.     |        | myrmecodes    Chev. 32-4 | 45 [Ga. Tex. |
| 07. sparsus Horn 95–254      | L.Cal.     | 22.    | coræ Champ. 03–262       | Mex.Ariz.    |
| 08. uniformis Champ. 03-235  | Mex.&U.S.? |        | •                        | [Miss.       |
| . 09. estriatus Csy. 92–430  | N.Mex.     | 23.    | scrobicollis Boh. 43–205 | N.YTex.      |
| 10. alternatus Horn 95–253   | L.Cal.     | 24.    | rhois Fall 07–266        | N.Mex.       |
| 11. carinicollis Horn 95–254 | Tex.       | 25.    | laevicollis Horn 73–451  | MassTex.     |
| 12. dichrous Lec. 76–191     | Ga. Fla.   | 26.    | speculator Csy. 92–434   | Tex.         |
| 13. basalis Schffr. 07–75    | Ariz.      | 27.    | cavirostris Csy. 92–437  | Fla.         |
| 14. subglaber Schffr. 07–76  | Ariz.      |        | ?poeyi Chev. 32–107      | Cuba, Fla.   |
| 15. arizonicus Schffr. 07–76 | Ariz.      |        | • •                      |              |
| 16. egregius Csy. 92–431     | Ariz.      | Oopte  | rinus Csy. 92–438        |              |
| 17. floridanus Čsy. 92–433   | Fla.       | 17128. | perforatus (Horn) 73-451 | Md. Ga. Ia.  |
|                              |            |        |                          |              |

# Magdalini

# Horn 73; Fall 13

| Magdalis Germ. 17–340             |                | Magdalis Germ.              |               |
|-----------------------------------|----------------|-----------------------------|---------------|
| 17129. barbicornis (Latr.) 04-103 | 3 †Eur.Mass.   | 17137. vitiosa Fall 13–30   | Cal.          |
|                                   | N.Y.           | 38. gentilis Lec. 76–418    | Cal.(Me.      |
| 30. cuneiformis Horn 73-453       | NebSo.Cal.     | •                           | N.H.?Nfld.?)  |
|                                   | Wash.          | 39. proxima Fall 13-31      | Cal.          |
| 31. morio Fall 13-26              | Ariz. N.Mex.   | 40. striata Fall 13–31      | So.Cal.       |
| 32. hispoides Lec. 76–418         | NfldD.C.       | 41. alutacea Lec. 78–463    | Me.N.H.Vanc.  |
| ·                                 | B.C. N.Mex.    | 42. imbellis Lec. 57–57     | Or. [N.Mex.   |
| 33. perforata Horn 73–453         | Fla.GaN.H.     | *                           | ·             |
| •                                 | Can.           | 43. gracilis Lec. 57–57     | Cal. Nev.     |
| 34. lecontei Horn 73–454          | Kan. Or.       | 44. ænescens Lec. 76–192    | AlasNo.Cal.   |
| a. superba Fall 13-28             | Ariz. [So.Cal. | 45. subtincta Lec. 76–417   | Vanc. Cal.    |
| b. tenebrosa Fall 13–28           | N.Mex.Colo.    |                             | Colo.         |
|                                   | Cal.           | 46. olyra (Hbst.) 97–6      | Can.N.C.Mo.   |
| c. tinctipennis Fall 13-28        | N.Mex.Ariz.    | brunnipes Gyll. 34–270      |               |
| 35. convexicollis Fall 13-28      | So.Cal.        | 47. pandura Say 31–7        | Can.Ga.Mo.    |
| 36. austera Fall 13–29            | OntN.C.        | 48. inconspicua Horn 73–456 | Can.Pa.Tex.   |
| a. substriga Fall 13-29           | Me.Mass.N.Y.   | 49. salicis Horn 73–455     | Me.Mass. Ind. |

| Magdalis Germ.            | Trichomagdalis Fall 13-37 |                             |      |
|---------------------------|---------------------------|-----------------------------|------|
| 17150. barbita Say 31–6   | Can.Ga.Tex.               | 17152. fasciatus Fall 13–37 | Cal. |
| 51. armicollis Say 23–312 | Can.Ga.Tex.               | 53. conspersus Fall 13–38   | Cal. |
| a. pallida Say 31–7       | IndN.Y.                   | 54. atratus Fall 13–38      | Cal. |

# BALANINI

Horn 73; Blanchard 84; Casey 97, 10; Chittenden 08; Leng 16

| Balaninus Germ. 17–291                                                                                                                                                                                                                                                                          | Balaninus Germ.                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A. 17155. proboscideus (Fab.) 75–142 Mass.                                                                                                                                                                                                                                                      | N.C. 17164. obtusus Blanch. 84–107 N.H.Neb.Tex. ?rostratus Gyll. 36–374                                                                                                                                                                                                                                       |
| sayi Gyll. 36–375<br>caryatrypes Boh. 43–276                                                                                                                                                                                                                                                    | [Kan. ?nasutus    Say 31–16<br>65. caseyi Chitt. 08–26 N.Mex.                                                                                                                                                                                                                                                 |
| a. hariolus Csy. 10–114 Ind.(? b. cylindricollis Csy. 10–114 Tenn. 56. caryæ Horn 73–460 N.Y 57. rectus Say 31–16♀ Mass. quercus Horn 73–458♂ rectirostris Gyll. 36–376 ?orthorynchus Chitt.08–26 W.Va cuneatus Csy. 10–115 W.Va sparsellus Csy. 10–116 N.J. 58. algonquinus Csy. 10–118 Can. N | 66. monticola Csy. 97–663 Colo. Fla.Ia. 67. uniformis Lec. 57–57 Cal. So.Cal. Fla 0ccidentis Csy. 97–658 Cal. [Colo. 68. nanulus Csy. 97–659 N.Mex. 69. undulatus Csy. 97–659 Ariz. 70. strictus Csy. 97–660 N.Mex. 71. utensis Csy. 10–26 Utah 72. tubulatus Csy. 97–661 Utah 73. longipes Csy. 97–661 Colo. |
| rectus ‡ auct. nec Say Tenn. setosicornis Csy. 10–118 W.Va. macilentus Csy. 10–118 W.Va. perexilis Csy. 10–118 N.J. B.                                                                                                                                                                          | 76. victoriensis Chitt. 08–23 Tex. 77. auriger Csy. 10–117 Ariz. a. mollis Csy. 10–118 Ariz.                                                                                                                                                                                                                  |
| Colo. 60. pardalis Chitt. 08–25 ?virginicus Csy. 10–123 61. confusor Ham. 93–309 a. iowensis Csy. 10–122 62. baculi Chitt. 08–20 uniformis ‡ auct. nec Lec. 63. humeralis Csy. 97–657 ?curtus Chitt. 08–21  Colo. R.I.N. W.Va. N.Y.A Fla. G                                                     | 79. acuminatus Csy. 10–119 Ariz.? Colo.?  80. timidus Csy. 10–121 Tex. — proprius Csy. 10–121 Q Ind.? — auctus Csy. 10–124 N.Y. — ordinatus Csy. 10–124 Tenn. — appalachius Csy. 10–125 W.Va. — parvicollis Csy. 10–125 N.J. — ?porrectus Boh. 43–292 N.Am. — sparsus Gyll. 36–379 N.Am.                      |
| parvidens Chitt. 08–22 Miss. I<br>Tex.                                                                                                                                                                                                                                                          | la.Ala.                                                                                                                                                                                                                                                                                                       |

# Anthonomini

Dietz 91; Fall 13; Blatchley & Leng 16

| Magdalinops Dietz 91–183                                                                                              | ~ .                                     | Anthonomus Germ.                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17181. vittipennis Dietz 91–184                                                                                       | Cal.                                    | (Anthonomocyllus Dietz 91–191)                                                                                                                                                                               |
| Macrorhoptus Lec. 76–208<br>17182. estriatus Lec. 76–209<br>83. sphæralciæ Pierce 08–173<br>84. hispidus Dietz 91–185 | Ill.Tex.So.Cal.<br>Tex.<br>Ariz.So.Cal. | 17191. elegans Lec. 76–202 Fla.  92. xanthoxyli Linell 97–49 Tex.  93. leucostictus Dietz 91–193 Tex.  94. pusillus Lec. 76–202 Tex.Mass.Fla. hamiltoni Dietz 91–193 Fla.  95. atomarius Blatch. 16–290 N.J. |
| Smicraulax Pierce 08–173<br>17185. tuberculatus Pierce 08–174                                                         | Tex.                                    | (Anthonomorphus Dietz 91–194)<br>96. fulvus Lec. 58–79 Kan.Okla.Tex.                                                                                                                                         |
| Tachypterellus Fall & Ckll. 07-2<br>( Tachypterus    Dietz 91-1                                                       |                                         | 97. peninsularis Dietz 91–195 L.Cal.So.Cal.<br>98. pervilis Dietz 91–196 L.Cal.                                                                                                                              |
| 17186. quadrigibbus(Say) 31–15<br>87. consors Dietz 91–187                                                            |                                         | ( <i>Trichobaropsis</i> Dietz 91–196)<br>99. texanus Dietz 91–197 Tex.                                                                                                                                       |
| Cionistes Dietz 91–187<br>17188. insolens Dietz 91–188<br>Anthonomus Germ. 17–340                                     | Cal. So.Cal.                            | (Leptarthrus Dietz 91–197)<br>17200. julichi Dietz 91–198 Fla.<br>01. costulatus Suffr. 71–137 Fla.<br>irroratus Dietz 91–198                                                                                |
| (Coccotorus Lec. 76–193)<br>17189. scutellaris Lec. 58–79<br>prunicida Walsh 63–372<br>90. hirsutus Bruner 88–126     | Mass.Ga.Tex.                            | (Paranthonomus Dietz 91–199) 02. profundus Lec. 76–198 Que.Md.Ill. vulpinus Dietz 91–201 Pa. 03. rubidus Lec. 76–199 OntD.C.                                                                                 |

| Anthonomus Com                                                  |                               | Anthonores Com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |
|-----------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Anthonomus Germ. (Anthonomus s. str.)                           |                               | Anthonomus Germ.<br>17251. squamosus Lec. 76–202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Neb. Cal.                |
| *                                                               |                               | 52. testaceosquamosus Linell!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |
| 17204. nebulosus Lec. 76–197                                    | N.YMo.                        | ozi testaceosquamosus ismen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tex.                     |
| 05. tridens Fall 09–167                                         | L.Cal.                        | 53. tectus Lec. 76–203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Mass.Ga.Ariz.            |
| 06. pomorum L. 58–381                                           | †Eur.(Ohio?)                  | 54. appositus Fall 13–52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ariz.                    |
| **                                                              | 1-2(                          | 55. heterothecæ Pierce 08–177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tex.                     |
| 07. grandis Boh. 43–232                                         | Mex. Tex.                     | 56. squamulatus Dietz 91–230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |
| a. thurberiæ Pierce 13–90                                       | Ariz. [Tenn.                  | 57. molochinus Dietz 91–231                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mont. Can.               |
| 08. gularis Lec. 76–197                                         | MdMich.                       | 50C I 50 004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N.H.                     |
| 09. virgo Dietz 91–206                                          | Va.                           | 58. rufipes Lec. 76–204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N.Y.Del.Ia.              |
| 10. rufipennis Lec. 76–200                                      | Pa.Fla.Tex.                   | 59. disjunctus Lec. 76–204<br>60. melancholicus Dietz 91–21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N.Y.Ga.III.<br>11   Tex. |
| ***                                                             |                               | oo. meianenoneus Dietz 91–21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Vanc.                    |
| 11. rubellus Dietz 91–208                                       | L.Sup.                        | murinus Dietz 91–232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Or. Colo.                |
| 12. hæmatopus Boh. 43–222                                       | Can.D.C.Cal.                  | 61. brunnipennis Mann. 43-29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |
| sycophanta Walsh 67–265                                         |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Cal.                     |
| a. bolteri Dietz 91–208<br>b. confusus Dietz 91–209             | N.Mex.<br>Mont. So.Cal.       | 62. hirtus Lec. 76–203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cal.Ariz.Ut.             |
| 13. suturalis Lec. 24–171                                       | Can. E.W.St.                  | 63. ochreopilosus Dietz 91–233                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |
| erythropterus Say 31–25                                         | Call. D. W.St.                | 64. callirrhoæ Pierce 08–176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tex.                     |
| 14. flavicornis Boh. 43–231                                     | Can.Fla.Tex.                  | 65. pauperculus Lec. 76–203<br>66. mimicanus Fall 13–54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cal. So.Cal.             |
| 15. hicoriæ Pierce 08–175                                       | Tex.                          | **************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz.                    |
| 16. morulus Lec. 76–201                                         | Cal.                          | (Sexarthrus Blatch. 16-31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1)                       |
| 17. corvulus Lec. 76–201                                        | N.S.Fla.Ariz.                 | 67. subfasciatus Lec. 76–205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Can. Fla.Tex.            |
| 18. subguttatus Dietz 91–213                                    | N.J.W.Va.Fla.                 | latiusculus Dietz 91–235                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Va. Tex.                 |
| ***                                                             |                               | 68. robustulus Lec. 76–205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N.Eng.Va.                |
| 19. signatus Say 31–25                                          | Can.Fla.Tex.                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mont.                    |
| bisignatus Gyll. 36–344                                         | [Wis.                         | moleculus Csy. 84–191                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Pa.D.C.Wis.              |
| 20. pallidus Dietz 91–215                                       | Md.Fla.La.                    | 69. robinsoni Blatch. 16–312                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N.Y.                     |
| 21. consimilis Dietz 91–216<br>22. likensis Blatch. 16–301      | D.C.Ind.Wis.<br>N.J. Va. Ind. | ******                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |
| 23. vespertinus Dietz 91–216                                    | Ill.Tex.Fla.Ga.               | 70. ungularis Lec. 76–206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mich.N.Y.Fla.            |
| 24. musculus Say 31–15                                          | Ont.Fla.Colo.                 | 71. floralis Dietz 91–238                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fla. N.C.                |
| sulcifrons Lec. 76–201                                          | Pa.FlaMo.                     | 72. debilis Blatch. 16–314                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Fla.                     |
| 25. obtrusus Fall 13–49                                         | Tex.                          | 73. nubilus Lec. 76–205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Fla. N.C.<br>Mass.       |
| 26. concinnus Dietz 91–217                                      | Fla.                          | 74. cylindricollis Blatch. 16-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |
| 27. miæphonus Pierce 12–167                                     | N.C.                          | . =                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N.C.                     |
| 28. simiolus Blatch: 16-304                                     | Mass.                         | (Cnemocyllus Dietz 91–239                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |
| 29. sexguttatus Dietz 91–219                                    | Fla.<br>Fla.                  | 75. helianthi Fall 01–262                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | So.Cal.                  |
| 30. uniformis Blatch. 16–303<br>31. interstitialis Dietz 91–219 |                               | 76. subvittatus Lec. 76–203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cal.                     |
| *****                                                           | D.Sup.D.C.                    | 77. tahoensis Fall 01–263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cal.                     |
| 32. unieus Blatch. 16-305                                       | Fla.                          | 78. ornatulus Dietz 91–241                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cal.So.Cal.<br>Ariz.     |
| 33. ebeninus Deitz 91–221                                       | L.Cal.                        | 79. figuratus Dietz 91–241                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cal. So.Cal.             |
| 34. basidens Fall 13–50                                         | L.Cal.                        | 80. inermis Boh. 58–131                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cal. So.Cal.             |
| 35. apertus Fall 01–262                                         | So.Cal.                       | 81. sphæralceæ Fall 13–55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ariz. Kan.               |
| 36. nigrinus Boh. 43–230                                        | N.Y.N.C.La.                   | 82. jacobinus Dietz 91–242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Colo. Dak.               |
| 37. dentoni Angell 93–13                                        | Nev.                          | 83. stolatus Fall 01–264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | So.Cal.                  |
| 38. albopilosus Dietz 91–222                                    | So.Cal.N.Mex.                 | 84. decipiens Lcc. 76–206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mich.Wash.               |
| 20                                                              | Tex.                          | Of I 76 007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tex.                     |
| 39. xanthocnemus Dietz 91–2                                     | 23<br>Can. Tex.               | 85. canus Lec. 76–207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ariz.Cal.Tex.            |
| 40. æneolus Dietz 91–223                                        | So.Cal.Tex.                   | affinus Lec. 76–207<br>nanus Lec. 76–207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TexCal.                  |
| 41. solani Fall 13–49                                           | So.Cal. Tex.                  | 86. cycliferus Fall 13–56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ariz.N.Mex.<br>Ut.       |
| 42. faber Dietz 91–224                                          | Tex.                          | 87. aphanostephi Pierce 08–17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |
| 43. effetus Dietz 91–224                                        | Cal. Or.                      | The state of the s | Tex.                     |
| 44. varipes <sup>1</sup> Duval 57–200                           | Cuba, So.Fla.                 | 88. baccharidis Pierce 08–178                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ariz.                    |
| 45. scutellatus Gyll. 36–342                                    | Can.Mich.Tex.                 | 89. tenuis Fall 13–57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ut.Nev.Id.               |
| *****                                                           |                               | 00 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cal.                     |
| 46. dissimilis Dietz 91–226                                     | Va.                           | 90. elongatus Lec. 76–204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Que.Fla.Nev.             |
| 47. orchestoides Dietz 91–226                                   |                               | 91. ligatus Dietz 91–245<br>92. juncturus Fall 13–57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ariz.                    |
| 48. juniperinus (Sanborn) 68-                                   | $_{ m Mass.	ext{-}Fla.}$      | 93. lineatulus Dietz 91–245                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | L.Cal.<br>Tex.           |
| *****                                                           | wassria.                      | (Anthonomochæta Dietz 9:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |
| 49. obesulus Fall 13–51                                         | Nev.                          | 94. heterogenus Dietz 91–247                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tev Ania 114             |
| 50. ater Lec. 76–198                                            | So.Cal. Or.                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Wash.                    |
|                                                                 | <sup>1</sup> See footnote,    | page 324.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |
|                                                                 | † Introduced.                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |
|                                                                 |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |

| Anthonomus Germ.                                            |                         | Epimechus Dietz                                            | C- C-1 A-:-            |
|-------------------------------------------------------------|-------------------------|------------------------------------------------------------|------------------------|
| 17295. mexicanus Boh. 43–228                                | Mex. Tex.               | 17327. nevadicus Dietz 91–260                              | So.Cal.Ariz.<br>Nev.   |
| brevirostris Linell 97–50                                   | Tex.                    | 28. gracilis Fall 13-59                                    | N.Mex.Ariz.            |
| 96. eugenii Cano 94–377                                     | Mex. Tex.               | 29. canoides Fall 13-60                                    | Tex.                   |
| æneotinctus Champ. 03–1                                     |                         | 30. arenicolor Fall 01–265                                 | Ariz.                  |
| *                                                           | Mex.                    | Brachyogmus Linell 97-51                                   |                        |
| Anthonomopsis Dietz 91–247                                  |                         | 17331. ornatus Linell 97–51                                | So.Cal.                |
| 17298. mixtus Lec. 76–206                                   | ConnNeb.                |                                                            |                        |
|                                                             | 2,000                   | Ephelops Dietz 91–261                                      | T31                    |
| Pseudanthonomus Dietz 91-24                                 |                         | 17332. triguttatus Dietz 91–261                            | Fla.                   |
| 17299. cratægi Walsh 67–266                                 | Can. FlaWis.            | Elleschus Steph. 31–103                                    |                        |
| 17300. validus Dietz 91–250                                 | Can. N.Mex.             | (Alyca Lec. 76–209)                                        |                        |
| 01. hamamelidis Pierce 08–180                               | J IN.Y.Va.IN.J.<br>Tex. | 17333. bipunctatus (L.) 58–380                             | †Eur.Can.              |
| 02. krameriæ Pierce 08–181<br>03. incipiens Dietz 91–250    | Can.Mich.               | 0.4                                                        | N.J.Mich.Ind.          |
| 04. puncticollis Blatch.16–319                              |                         | 34. scanicus (Payk.) 00–251                                | †Eur.Pa. N.J.          |
| 05. seriesetosus Dietz 91–251                               | Mich.D.C.               | 35. ephippiatus (Say) 31–25<br>a. californicus Csy. 84–193 | CanGa. Cal. [So.Cal.   |
| 007 201102000000 2 1002 0 1 201                             | Neb.                    | a. camornicus Csy. 64–195                                  | Cai. [50.Cai.          |
| 06. tomentosulus Dietz 91–25                                | 1 Tex.                  | Hypoleschus Fall 07–265                                    |                        |
| 07. facetus Dietz 91–252                                    | Neb.                    | 17336. atratus Fall 07-266                                 | N.Mex.                 |
| 08. longulus Dietz 91–252                                   | N.J.D.C.N.C.            |                                                            |                        |
| 09. rufulus Dietz 91–252                                    | D.C.Mass.Ind.           | Orchestes Ill. 04–105                                      |                        |
| 10. brunneus Dietz 91–253<br>11. parvulus Dietz 91–253      | N.Mex.<br>Ill.          | 17337. ephippiatus (Say) 31-16                             | Can.Cal.D.C.           |
| 11. parvulus Dietz 91–233<br>12. inermis Blatch. 16–321     | Fla.                    | 38. salicis L. 58–381                                      | Sib.Eur. Nfld          |
| 13. relictus Dietz 91–254                                   | Pa.                     | subhirtus Horn 73–462                                      | Cal. D.C.<br>Ill. Wis. |
| 10. Tellectus Dices of 201                                  | 1 00.                   | 39. niger Horn 73–462                                      | N.SMich.               |
| Mecynopyga Pierce 08-179                                    |                         | 50. Inger 110111 10 102                                    | D.C.                   |
| 17314. texana Pierce 08–179                                 | Tex.                    | 40. parvicollis Lec. 76-208                                | Colo.Nev.              |
| Di                                                          |                         | 41. illinoisensis Fall 13–64                               | Ill. [So.Cal.          |
| Neomastix Dietz 91–254                                      | N/C 37                  | 42. puberulus Boh. 58–133                                  | Cal. So.Cal.           |
| 17315. solidaginis Dietz 91–255<br>punctulatus Dietz 91–255 | Mass. Va.<br>Fla.       | 43. canus Horn 78–620                                      | Mich.O.Colo.           |
| pulletulatus Dietz 91–255                                   | ria.                    | 44. mixtus Blatch. 16–282                                  | Ind.                   |
| Chelonychus Dietz 91–256                                    |                         | 45. pallicornis Say 31–16<br>a. pallidior Leng 16–281      | N.S. Or. Tex.<br>Nfld. |
| 17316. longipes Dietz 91–256                                | Cal.Minn.               | 46. betuleti Horn 85–161                                   | Md. D.C.               |
|                                                             | Colo.                   | 47. rufipes Lec. 76–208                                    | Alas.Vt.Nfld.          |
| Nanops Dietz 91–256                                         |                         | 100 1 map es 2000 00 200                                   | Mass. N.Y.             |
| 17317. schwarzi Dietz 91–257                                | Fla.                    | a. minutus Horn 78–620                                     | Colo. Cal.             |
| 77                                                          |                         | 48. scutellaris Fab. 01–495                                | Eur. Can.              |
| Epimechus Dietz 91–257<br>17318. mimicus Dietz 91–258       | Cal. So.Cal.            | D 01 000                                                   |                        |
| 19. nanulus Fall 01–267                                     | N.Mex.                  | <b>Xanthus</b> Dietz 91–269                                | NT T NC I              |
| 20. curvipes Dietz 91–259                                   | Nev.N.Mex.              | 17349. pygmæus Dietz 91–269                                | N.J. Md.               |
| 21. modicus Fall 13–60                                      | Ariz.                   | 50. liliputanus Dietz 91–270                               | D.C.                   |
| 22. soriculus Dietz 91–259                                  | So.Cal.                 | Acalyptus Schön. 36–446                                    |                        |
| 23. aemulus Fall 01–266                                     | So.Cal.                 | 17351. carpini (Herbst) 95–204                             | Eur.Can.Ill.           |
| 24. adspersus Dietz 91–260                                  | Cal.                    |                                                            | Pa.N.J.Kan.            |
| 25. stragulus Fall 01–267                                   | N.Mex.                  |                                                            | Wis.Mich.              |
| 26. mobilis Fall 13–62                                      | So.Cal.                 |                                                            | Mass.                  |
|                                                             |                         |                                                            |                        |

# PRIONOMERINI

| Prionomerus Schön. 36–359<br>(Odontopus Say 31–15)<br>17352. calceatus (Say) 31–15<br>carbonarius Gyll. 36–360 | N.Eng.Mich.<br>[Fla. | Piazorhinus Schön.<br>17354. pictus Lec. 76–211<br>55. thoracicus Csy. 10–128<br>56. tuberculatus Blatch. 16–                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Can.Fla.Wis.<br>Fla.<br>324 |
|----------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Piazorhinus Schön. 36–471<br>(Momonus Say mss.)<br>17353. seutellaris (Say) 26–252                             | N.Eng.Neb.           | , and the second | Fla.                        |

<sup>\*</sup>The synouymy of the species under the query mark was corrected after the serial numbers were assigned; 17297, assigned originally to an entire turn of eugenii Cano (the pepper weevil) is thereby eliminated. Mr. H. S. Barber tells me that varipes Duval (No. 17244) may also prove to be identical with mexicanus Boheman.

<sup>†</sup> Introduced.

| Cionini                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                      |                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                 | Casey                                                                                       | 7 10                                                                                                                                                                                                                                                                                                                                                                                 |                                                                           |
| Nanophyes Schön. 37–780<br>17357. pallidulus (Grav.) 07–203                                                                                                                                                                                                                                                                                                                                     | †Eur.(N.J. La.<br>Colo.)                                                                    | Cionus Clairville 98-64<br>17358. scrophulariæ (L.) 58-380                                                                                                                                                                                                                                                                                                                           | †Eur.(La.?)<br>Sib.                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                 | Meci                                                                                        | NINI                                                                                                                                                                                                                                                                                                                                                                                 |                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                 | Casey                                                                                       | y 10                                                                                                                                                                                                                                                                                                                                                                                 |                                                                           |
| <b>Gymnetron</b> Schön. 26–319 17359. tetrum (Fab.) 01–448                                                                                                                                                                                                                                                                                                                                      | †Eur.Can. Ga.<br>Ia. Sib. Pa.<br>W.Va.O. N.Y.<br>Mich.                                      | Miarus Steph. 31–15<br>17360. hispidulus Lec. 76–221<br>a. consuetus Csy. 10–143<br>61. puritanus Csy. 10–144<br>a. nanus Csy. 10–144<br>b. illini Csy. 10–144                                                                                                                                                                                                                       | Tex. Que.Fla.<br>Kan.<br>Mass. Ind.Ct.<br>Mass.<br>Ill.                   |
|                                                                                                                                                                                                                                                                                                                                                                                                 | CLEO                                                                                        | NINI                                                                                                                                                                                                                                                                                                                                                                                 |                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                 | Leconte 76;                                                                                 | ; Casey 91                                                                                                                                                                                                                                                                                                                                                                           |                                                                           |
| Dinocleus Csy. 91–176 (Centrocleonus   Lec. 76–17362. hystrix Fall 13–41 63. pilosus Lec. 76–145 64. jacobinus Csy. 91–179 65. angularis (Lec.) 59–18 66. denticollis Csy. 91–180 67. porcatus Csy. 04–321 68. porosus Lec. 76–146 69. farctus Csy. 91–181 70. saginatus Csy. 91–182 71. albovestitus Csy. 91–183 72. interruptus Csy. 04–322 73. molitor (Lec.) 53–78 74. wickhami Csy. 91–184 | So.Cal. Cal. So.Cal. So.Cal. Kan. N.Mex. Ariz. Ut. L.Cal. So.Cal. Ariz. So.Cal. Ut. So.Cal. | Cleonus Schön.  17394. basalis Fall 97–242  95. lobigerinus Csy. 91–191  96. kirbyi Csy. 91–188  vittatus ‡ Lee. 76–152 nee  97. vittatus Kby. 37–199  poricollis (Mann.) 43–291  virgatus Lec. 76–150  98. modestus (Mann.) 43–291  californicus (Mots.) 45–37  pleuralis (Lec.) 76–155  99. circumductus Csy. 91–192  17400. texanus (Lec.) 76–155  01. subcylindricus Csy. 91–193 | H.B.T.So.Cal. Cal. So.Cal. Ariz. Ariz.L.Cal. So.Cal. So.Cal. Z Ariz. Tex. |

02. graniferus Csy. 91-194 Fla. Ga.

|        | montor (Beer) of 10        | DO: Carizza   |
|--------|----------------------------|---------------|
| 74.    | wickhami Csy. 91–184       | So.Cal.       |
| 75.    | densus Csy. 91–185         | Ariz.         |
| Cleoni | us Schön. 26–145           |               |
| 010011 | (Stephanocleonus Mots. 60- | 590)          |
|        | (Stephanocteonus Mots. 00- | -əəə <i>)</i> |
| 17376. | plumbeus Lec. 76–146       | MeH.B.T.      |
|        | cristatus Lec. 76–147      | Utah [N.Mex.  |
|        | (Apleurus Chev. 75–78)     |               |
|        | (Cleonopsis Lec. 76-147)   |               |
|        | (Cleonaspis Lec. 76-153)   |               |
| 78.    | pluvereus (Lec.) 59-18     | Kan.Ariz.     |
| 79.    | lutulentus (Lec.) 59–18    | N.Mex.        |
|        |                            |               |

|     | (Cleonidius Csy. 91–186)  |               |
|-----|---------------------------|---------------|
|     | (Cleonus Lec. 76–148)     |               |
|     | (Apleurus Chev. pars)     |               |
| 80. | collaris Lec. 76–149      | Colo.         |
| 81. | grandirostris Csy. 91–189 | N.Mex.Wy.     |
| 82. | inornatus Lec. 76–149     | So.Cal:       |
| 83. | pacificus Fall 01–260     | So.Cal.       |
| 84. | canescens Lec. 76–151     | Colo.         |
| 85. | carinicollis Lec. 76–152  | Colo. (Fla.   |
| 86. | trivittatus Say 31–10     | Colo. [N.C.?) |
|     | præpotens Say 31–21       | Ž             |
| 87. | bicarinatus Csy. 91–190   | Tex.          |
|     | lecontei Csy. 91–190      | Ariz.         |
|     | -                         |               |

| 89. | calandroides (Rand.) 38- | -42            |
|-----|--------------------------|----------------|
|     | • • • • • •              | Mass. Ct. R.I. |
| 90. | sparsus Lec. 76–152      | Colo.          |

Colo. Wy.Nev.(Ill.?) Nev. 91. frontalis Lec. 76–150 puberulus Lec. 76–151 92. quadrilineatus (Chev.) 75-80

Tex. Ariz. 93. erysimi Fall 01-261 So.Cal.

| Lixus  | Fab. 01–98                  |               |
|--------|-----------------------------|---------------|
| 17403. | caudifer Lec. 76-156        | Ill.B.C.Ind.  |
|        | auctus Lec. 57-57           | Or. [Ia.      |
|        | rubellus Rand. 38–41        | Que.Mass.     |
|        | asper Lec. 76–156           | So.Cal. [Wis. |
|        | lupinus Blatch. 14–248      | Fla.          |
|        | placidus Lec. 76–159        | Colo.         |
|        | amplexus Csy. 91–199        | Fla.          |
|        | oregonus Csy. 91–200        | Or.           |
|        | eximius Csy. 91–201         | Tex.          |
|        | tenellus Csy. 91–201        | Tex.          |
|        | leptosomus Blatch.14-249    | Fla.          |
|        | marginatus Say 31–13        | N.Y.Fla. Ia.  |
|        | sylvius ‡ Lec. 76-156 nec I |               |
| 15.    | musculus Say 31–14          | Can.N.J.Tex.  |
|        | punctinasus Lec. 76-157     |               |
| 16.    | parcus Lec. 76–157          | Cal.          |
|        | pygmæus Csy. 91–203         | Kan.          |
|        | concavus Say 31–14          | N.Eng.Id.La.  |
|        | T = 0                       | 37 77 7731    |

18. concavus Say 31–14 rectus Lec. 76–158 N.Y. [Fla. 19. mucidus Lec. 76-158 Ill.Ind.O. 20. soror Csy. 91–204 21. perlongus Fall 13–39 22. laramiensis Csy. 91–204 Mont. Ariz. Wy. 23. mixtus Lec. 76-416 Colo. 24. sobrinus Csy. 91–205 Tex.
25. sylvius Boh. 44–430 Pa.Fla.I scrobicollis ‡ Lec. 76–159 nec Boh.
26. scrobicollis Boh. 36–84 Va.Fla. Pa.Fla.Ky. Va.Fla.Ark. lateralis || Say 31–14 læsicollis Lec. 58–78 Tex. Tex. 27. morulus Blatch. 16-339 Ind.

| Lixus Fab.                    |               | Lixus Fab.                 |            |
|-------------------------------|---------------|----------------------------|------------|
| 17428. perforatus Lec. 76–159 | Cal. So.Cal.  | 17434. julichi Csy. 91–208 | N.J. D.C.  |
| 29. peninsularis Fall 13-40   | L.Cal.        | 35. luculentus Csy. 91–209 | Fla.       |
| 30. semivittatus Csy. 91–207  | Ariz.Utah     | 36. nitidulus Csy. 91–210  | Ind.?      |
|                               | So.Cal.       | 37. fossus Lec. 76–416     | Fla.       |
| 31. maritimus Fall 13–39      | So.Cal.       | 38. obesulus Csy. 91–211   | Fla.       |
| 32. fimbriolatus Boh. 26–42   |               | 39. terminalis Lec. 76–157 | L.I.N.Eng. |
| macer Lec. 76–160             | Ill.Colo.Tex. |                            | Fla. Ia.   |
| 33. deceptus Blatch. 16–341   | Ind.          | 40. sexualis Csy. 91–212   | Tex.       |

# Sternechini

Ill. N.C. Fla.

Ariz.

| Sternechus Schön. 26–251   | Sternechus Schön.          |
|----------------------------|----------------------------|
| (Sternuehus ‡ auct.)       | 17441. armatus Csy. 95–831 |
| (Pleetromodes Csy. 95–829) | spinifer Boh. ‡ auct.      |
|                            | 42. paludatus Csy. 95–830  |

# Læmosaccini

| Læmosaccus Schön. 26–50<br>17443. plagiatus (Fab.) 01–485<br>nephele (Hbst.) 95–54 | Mass.Fla.<br>Colo.Ariz.<br>N.C. | <b>Læmosaccus</b> Schön.<br>17444. texanus Champ. 03–285 | Tex. Mex. |
|------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|-----------|
| периож (11250.) 00 01                                                              | 11.01                           |                                                          |           |

# BARINI

# Leconte 68; Casey 92; Blatchley & Leng 16

#### Rarides

| Barides                                               |                                 |                                                        |                |
|-------------------------------------------------------|---------------------------------|--------------------------------------------------------|----------------|
| Baris Germ. 17–340<br>(Baridius Schön. pars)          |                                 | <b>Baris</b> Germ.<br>17475. dolosa Csy. 92–490        | L.IIa.         |
| 17445. ingens Csy. 92–476                             | Ariz.                           | 76. zuniana Čsy. 92–491                                | Ariz.          |
| 46. striata (Say) 31–17                               | Mich.Mont.                      | 77. opacula Csy. 92–492                                | Cal.           |
|                                                       | Ariz.                           | 78. porosicollis Csy. 92–492                           | Neb.           |
| 47. umbilicata (Lec.) 68–363                          | L.I.Mich. Fla.                  | 79. punctiventris Csy. 92–493                          | La.Mo.Ind.     |
| 48. carbonaria Blatch. 16–351                         | Can. [Colo.                     | 80. canadensis Blatch. 16–357                          |                |
| 49. arizonica Csy. 92–478                             | Ariz.                           | 81. rubripes Csy. 92–494                               | Cal. So.Cal.   |
| 50. hispidula Csy. 92–479                             | Colo.                           | 82. sparsa (Lec.) 68–364                               | Or. Cal.       |
| 51. texana Fall 13-68                                 | Tex.                            | 83. nevadica Fall 13–71                                | Nev.           |
| 52. gravida Csy. 92–479                               | Tex.                            | 84. brunneipes Csy. 92–495                             | Cal.           |
| 53. strenua (Lec.) 68–363                             | Ind.Wis.Ariz.                   | 85. deformis Csy. 92–496                               | N.CIa.         |
|                                                       | (Fla.?)                         | 86. futilis Csy. 92–497                                | So.Cal.        |
| 54. callida Csy. 92–481                               | Ga. N.J.                        | 87. inconspicua Csy. 92–498                            | Colo.          |
| ?transversa Say 31–18                                 | Mr. N. O                        | 88. monardæ Pierce 07–380                              | Tex.           |
| 55. subovalis (Lec.)68–363                            | Wis. N.C.                       | 89. confinis (Lec.) 68–362                             | N.Eng.Ia.Fla.  |
| 56. xanthii Pierce 07–379                             | Tex.                            | 90. subsimilis Csy. 92–499                             | Pa.Colo. [Tex. |
| 57. lubrica Csy. 92–482                               | Fla.<br>N.Y.Mich.               | 91. socialis Csy. 92–499                               | Ind. Tex.      |
| 58. tumescens (Lec.) 68–362                           |                                 | 92. aperta Csy. 92–500                                 | Dak. Ind.      |
| 59. nitida Lec. 76–292                                | Fla. [Fla. Tex.<br>La.Ark.Colo. | 93. abrupta Csy. 92–501                                | Pa. Cal.       |
| 60. soluta Csy. 92–484<br>61. floridensis Csy. 92–485 | Fla.                            | 94. tenuestriata Csy. 92–501<br>95. macra (Lec.) 57–58 | Cal.           |
| 62. subænea (Lec.) 68–361                             | N.J.D.C.Ark.                    | 96. discipula Csy. 92–503                              | Ind. D.C.      |
| 63. vespertina Csy. 92–486                            | Ariz.                           | 97. erea (Boh.) 45–141                                 | N.J. O.Fla.    |
| 64. texta Fall 13–70                                  | Ariz.                           | 98. scintillans Csy. 92–504                            | Fla. [Tex.     |
| 65. pruinina Fall 13–71                               | Tex.                            | 99. æneomicans Čsy. 92–505                             | Mass. Fla.     |
| 66. hcterodoxa Fall 01–267                            | So.Cal.                         | 17500. hyperion Csy. 92–505                            | Fla.           |
| 67. oblongula Csy. 92–487                             | Colo.                           | 01. vitreola Csy. 92–506                               | Fla.           |
| 68. interstitialis (Say) 23-314                       |                                 | 02. ancilla Csy. 92–507                                | Fla.           |
| ` **                                                  | Fla.Tex.Ariz.                   | 03. splendens Csy. 92–507                              | Fla.           |
| transversa ‡ Csy. 92–487                              |                                 | 04. exigua Csy. 92-508                                 | Tex.           |
| quadrata (Lec.) 68–361<br>carinulata (Lec.) 58–79     |                                 | *                                                      |                |
| 69. dilatata Csy. 92–488                              | Cal.So.Cal.                     | 05. scolopacea Germ. 24–202                            | †Eur.R.IPa.    |
| 70. cuneipennis Csy. 92–489                           | Tex. [Ariz.                     |                                                        |                |
| 71. aprica Csy. 92–490                                | Ariz. Colo.                     | Baridius Schön. 26–308                                 |                |
| 72. apricoides Fall 13–69                             | N.Mex.Ariz.                     | — californicus Mots. 45–372                            |                |
| 73. peninsulæ Horn 94–447                             | L.Cal.                          | — californicus Boh. 59–137                             | Cal.?          |
| 74. monticola Fall 01–268                             | So.Cal.                         | — confertus Boh. 36–728                                | Fla.           |

| Plesiobaris Csy. 92–509                                       |                           | Aulobaris Lec. 76–288                                       |                             |
|---------------------------------------------------------------|---------------------------|-------------------------------------------------------------|-----------------------------|
| 17506. T-signum (Boh.) 45–154                                 | N.J. D.C.                 | 17545. nasuta (Lec.) 68–364                                 | Kan.la.Miss.                |
| a. signatipes Csy. 92–510                                     | Fla. [Mich.               | naso Lec. 76–299                                            | NVNCI                       |
| 07. albilatus (Lec.) 76–298<br>08. æmula Csy. 92–512          | Fla.(N.J.<br>Fla. [Ind.?) | 46. pusilla (Lec.) 68–363<br>47. scolopax (Say) 31–26       | N.Y.N.C.Ia.<br>D.C.Ga.Tcx.  |
| 09. disjuncta Csy. 92–513                                     | Mass.S.C.Mo.              | 41. Scolopax (Say) 31-20                                    | Wis.                        |
| · · ·                                                         | 2.2000.0101010.           | 48. ibis (Lec.) 68–365                                      | N.J.Fla.Miss.               |
| Stenobaris Linell 97-52<br>17510. avicenniæ Linell 97-52      | Fla.                      | 49. dux Csy. 92–546                                         | Neb.                        |
| 17510. avicenmae Emen 97–52                                   | ria.                      | Ammalanlantan I as 76 200                                   |                             |
| Pycnobaris Csy. 92–514                                        |                           | <b>Ampeloglypter</b> Lec. 76–299<br>17550. ater Lec. 76–300 |                             |
| 17511. pruinosa (Lec.) 76–294                                 | Tex. Colo.                | ampelopsidos (Walsh) 69-                                    | 105                         |
| 12. squamotecta Csy. 92–515                                   | Tex.                      | amperoporado (***aion) 00                                   | Me.N.Eng.                   |
| 13. nigrostriata Fall 13–72                                   | Cal.                      |                                                             | Mich. Ind.                  |
| Stictobaris Csy. 92-516                                       |                           | 51. longipennis Csy. 92–549                                 | Pa.S.C.Neb.                 |
| 17514. cribrata (Lec.) 76–296                                 | Tex.                      | 52. sesostris (Lec.) 68–364                                 | Mo.W.Va                     |
| 15. pimalis Csy. 92–517                                       | Ariz.                     | vitis Riley 69–131                                          | [Minn.                      |
| 16. subacuta Csy. 92–518                                      | N.Mex.                    | Desmoglyptus Csy. 92-550                                    |                             |
| Trepobaris Csy. 92-519                                        |                           | 17553. crenatus (Lec.) 76–300                               | Va.Md.D.C.                  |
| 17517. elongata Csy. 92–519                                   | Tex.                      | Proudobaria I ac 76 207                                     |                             |
| Glyptobaris Csy. 92-520                                       |                           | Pseudobaris Lec. 76–297<br>17554. farcta (Lec.) 68–362      | Kan.Colo.                   |
| 17518. rugicollis (Lec.) 76–297                               | N.J.S.C.Ill.              | 55. luctuosa Csy. 92–554                                    | Fla. [Ariz.                 |
|                                                               |                           | 56. sobrina Blatch. 16–373                                  | Wis.Ind.D.C.                |
| Onychobaris Lec. 76–294<br>17519. densa (Lec.) 59–79          | So.Cal.                   | 57. discreta Csy. 92–554                                    | Tex.                        |
| 20. corrosa Csy. 92–525                                       | Colo.                     | 58. fausta Csy. 92–555                                      | Ariz.                       |
| 21. depressa Csy. 92–525                                      | So.Cal.                   | 59. pectoralis Lec. 76–420                                  | Fla.                        |
| 22. millepora Csy. 92–526                                     | N.Mex. Colo.              | 60. lugubris Csy. 92–557                                    | N.Mex.                      |
| 23. austera Csy. 92–527                                       | So.Cal.                   | 61. angusta (Lec.) 68–363                                   | Can.Dak.Kan.<br>E.U.S. Fla. |
| 24. insidiosa Csy. 92–528                                     | Tex. So.Cal.              | 62. nigrina (Say) 31–31<br>63. cælata Csy. 92–559           | N.Mex.                      |
| 25. subtonsa Lec. 76–295                                      | Tex.Kan.Colo.             | — anthracina (Boh.) 36–727                                  | N.Am.                       |
| 26. rufa Linell 97–53<br>27. arguta Csy. 92–529               | Utah<br>Cal.So.Cal.       |                                                             |                             |
| 28. audax Csy. 92–530                                         | So.Cal.                   | Hesperobaris Csy. 92–559                                    | (I) N.C                     |
| 29. stictica Csy. 92–530                                      | Ariz.                     | 17564. suavis Csy. 92–560                                   | Tex. Mo.                    |
| 30. mystica Csy. 92–531                                       | Ariz. Tex.                | Microbaris Csy. 92-560                                      |                             |
| 31. cgena Csy. 92-532                                         | Ariz.                     | 17565. galvestonica Csy. 92–561                             | Tex.                        |
| 32. ambigua Csy. 92–533                                       | Ariz.                     | · ·                                                         |                             |
| 33. pauperella Csy. 92–533                                    | Ariz.<br>Cal.             | Trichobaris Lec. 76–287                                     | C FL C l                    |
| 34. seriata (Lec.) 57–58<br>35. remota Csy. 92–535            | Tex.                      | 17566. trinotata (Say) 31–17<br>vestita (Boh.) 36–718       | Can.Fla.Colo.               |
| 36. distans (Lec.) 68–363                                     | N.Mex.                    | plumbea (Lec.) 68–364                                       |                             |
| 37. molesta Csy. 92–536                                       | Ariz.                     | 67. mucorea (Lec.) 58–79                                    | L.Cal.Ariz.                 |
| 38. illex Csy. 92–537                                         | Colo.                     | 68. insolita Csy. 92–565                                    | Fla. [So.Cal.               |
| 39. pectorosa Lec. 76–295                                     | (?Conn.) Mo.              | 69. compacta Csy. 92–566                                    | So.Cal.Ariz.                |
| 40. diluta Csy. 92–538                                        | Tex. [Tex.                | 70. texana Lec. 76–288                                      | Tex. Colo.                  |
| 41. porcata Csy. 92–539                                       | Ariz.                     | 71. cylindrica Csy. 92–567                                  | Ariz.                       |
| Madarellus Csy. 92–540                                        |                           | Rhoptobaris Lec. 76–287                                     |                             |
| (Madarus ‡ auct. nec Sch                                      | ön.)                      | 17572. canescens Lec. 76–287                                | Colo.                       |
| 17542. undulatus (Say) 23–315                                 | Fla.Atl.St.               | Orthoria Los 78,286                                         |                             |
| 42 munototus Foll 00 160                                      | Kan.Tex.<br>L.Cal.        | Orthoris Lec. 76–286<br>17573. crotchi Lec. 76–286          | Cal.Tex.Neb.                |
| 43. punctatus Fall 09–169<br>44. cuneatus Csy. 93–603         | Tex.                      | 74. cylindrifer Csy. 92–571                                 | Ariz.                       |
| 44. Culicatus Osy: 50 000                                     |                           | ·                                                           |                             |
|                                                               | Centr                     | inides                                                      |                             |
| <sup>1</sup> Geræus Pascoe 39-322                             |                           | Geræus Pascoe                                               |                             |
| (Centrinus ‡ auct.)                                           |                           | 17581. albotectus Csy. 92–582                               | N.J.Fla.Tex.                |
| *                                                             | C 1                       | ***                                                         | TIL DE                      |
| 17575. punctirostris Lec. 76–309                              | Colo.                     | 82. perscillus Gyll. 36–762                                 | FlaMinn.                    |
| 76. lævirostris Lec. 76–309<br>77. striatirostris Lec. 76–309 | Mo. Ind. Tex.(Ohio?)      | a. neglectus Lcc. 76–310<br>b. grisescens Csy. 92–583       | Tex. La.Kan.<br>N.C.Ind.Mo. |
| 78. modestus Boh. 36–772                                      | Pa. Fla.                  | 83. finitimus Csy. 92–585                                   | Tex. Mo.                    |
| 79. tortuosus Csy. 92–580                                     | Tex.                      | 84. hospes Csy. 92–585                                      | Ariz.                       |
| **                                                            |                           | 85. clarescens Csy. 92–586                                  | D.C.                        |
| 80. picumnus (Hbst.) 97–30                                    | N.Eng.Neb.                | 86. perseitus (Herbst) 97–28                                | N.J.Ga.Ind.                 |
| olivaceus Gyll. 36–763                                        | [Fla.Ariz.                | 87. exulans Csy. 92–588                                     | N.Mex. [Tex                 |
| sutor Harris 37-81                                            |                           | ,                                                           |                             |

<sup>. 1</sup> All authors' names should be in parentheses.

| Geræus Pascoe<br>88. senilis Gyll. 36–759                                                      | Ariz.                                            | Centrinogyna Csy.<br>17621. procera Csy. 92-622                                             | Cal.                                 |
|------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------|
| *****<br>89. acuminatus Csy. 92–590                                                            |                                                  | Limnobaris Bedel 88–183                                                                     |                                      |
| 90. globifer Csy. 92–591<br>******                                                             | Tex.                                             | * 17622. bracata Csy. 92–627                                                                | Mo.N.J.D.C.                          |
| 91. penicellus (Herbst) 97–29<br>holosericeus Gyll. 36–760<br>pubescens (Uhler) 55–417         | N.Y.Fla.Ia.La.                                   | robusta (Linell) 97–53 23. limbifer Csy. 92–628 24. blandita Csy. 92–628                    | N.J. D.C.<br>Fla. D.C.<br>Tex.       |
| ?aratus Say 31–26<br>*****                                                                     | Mo.                                              | 25. tabida Csy. 92–629<br>26. deplanata Csy. 92–630                                         | Ill. Ind.<br>Ia. Ind. Miss.          |
| 92. lineellus Lec. 59–79  ********                                                             | " Cal."<br>(N.Am.?)                              | 27. punctiger (Lec.) 76–314<br>28. denudata Csy. 92–632<br>29. planiuscula Csy. 92–633      | Tex. Fla. Tex.                       |
| 93. capillatus Lec. 76–311<br>nubecula Csy. 92–594♀                                            | Tex.<br>Tex.                                     | 30. nasuta (Lec.) 59–79<br>31. oblita Csy. 92–634                                           | So.Cal. Tex.<br>Wis.                 |
| 94. clientulus Csy. 92–594<br>*******                                                          | Tex.                                             | 32. seclusa Csy. 92–635  **                                                                 | Ariz. So.Cal.                        |
| 95. falsus Lec. 76–315<br>— dilectus Harris 36–79                                              | Ala. Ia.<br>?                                    | 33. grisea (Lec.) 76–312  ***                                                               | Tex.Ariz.N.J.<br>D.C.                |
| — pistor Germ. 36–170<br>( <i>Linonotus</i> Csy. 92–603)                                       | D 11 m 4                                         | 34. confusa (Boh.) 36–740<br>35. ebena Csy. 92–638                                          | N.Eng.Fla.<br>Tex. [Colo             |
| 96. distinctus (Boh.) 44–187  Odontocorynus Schön. 44–271                                      | Brazil, Tex.?                                    | 36. puteifer Csy. 92–639<br>37. confinis (Lec.) 76–317                                      | Ind. O.<br>N.Y.Mich.Ia.              |
| 17597. scutellum-album (Say) 31-                                                               | -21<br>N.Eng.Colo.                               | 38. concurrens Csy. 92–640<br>39. concinna (Lec.) 76–316<br>40. fratercula Csy. 92–642      | D.C. O. [Tex. Fla.Tex. Fla. [(N.Y.?) |
| 98. denticornis Csy. 92-597                                                                    | Fla. Tex.<br>N.C. La. Kan.                       | 41. seminitens Csy. 92–642  ****                                                            | Neb.                                 |
| 99. salebrosus Csy. 92–598<br>17600. pinguescens Csy. 92–599<br>01. pulverulentus Csy. 92–600  | N.Y.Colo.Fla.<br>Ark.Ind. [Tex.<br>N.C.Tex.Colo. | 42. prolixa (Lec.) 76–317<br>43. nitidissima Csy. 92–644<br>*****                           | N.Eng.Mich.<br>Tex. [Colo.           |
| <b>Centrinopus</b> Csy. 92–601<br>17602. alternatus Csy. 92–602                                | Md.                                              | 44. longula (Lec.) 76–316<br>45. cana (Lec.) 76–421                                         | Tex. Fla.<br>Fla.                    |
| helvinus Csy. 92–602  Pachybaris Lec. 76–302                                                   | Ind. Ill.                                        | longula var. Csy. 92–646<br>46. rectirostris (Lec.) 76–315<br>47. tenua Blatch. 16–402      | N.Eng.Can.<br>Ind. [S.C.             |
| 17603. porosa Lec. 76–302<br>04. xanthoxyli Linell 97–53                                       | Fla.<br>Tex.                                     | 48. calva (Lec.) 76–314                                                                     | L.I. Fla.O.                          |
| 05. strigapunctus Ham. 93–30                                                                   | 9 <sub>.</sub> Pa.                               | Oligolochus Csy. 92–648<br>17649. convexus (Lec.) 76–422<br>50. longipennis Linell 97–54    | Fla. D.C.<br>Tex:                    |
| Microcholus Lec. 76–303<br>17606. striatus Lec. 76–304<br>07. puncticollis Lec. 76–304         | N.J. Fla.<br>Fla.                                | Idiostethus Csy. 92-649                                                                     | N.Y.Fla.Wis.                         |
| Nicentrus Csy. 92-608                                                                          |                                                  | 17651. tubulatus (Say) 31–20<br>52. subcalvus (Lec.) 78–622<br>53. ellipsoideus Csy. 92–652 | PaMo.<br>Ill.Ia.Mo.                  |
| 17608. lecontei Champ. 08–312<br>lineicollis ‡ Csy. 92–610 ne<br>09. lineicollis (Boh.) 44–221 | N.Eng.S.C.<br>c Boh. [Ill. Tex.<br>Ill. Ia. Tex. | 54. dispersus Csy. 92–652                                                                   | Ala.                                 |
| ingenuus Csy. 92–610<br>10. scitulus Csy. 92–611                                               | Tex.                                             | Stethobaris Lec. 76–302<br>17655. corpulenta Lec. 76–420<br>56. cicatricosa Csy. 93–600     | Fla.<br>Tex.                         |
| 11. decipiens (Lec.) 76–313<br>12. effetus Csy. 92–613                                         | Pa.Fla.Kan.<br>Fla. [Tex.                        | 57. incompta Csy. 92–655                                                                    | Ind.Mich<br>D.C.                     |
| 13. contractus Csy. 92–613<br>14. grossulus Csy. 93–599<br>canus ‡ Csy. 92–614 nec I           | Fla.<br>Fla.<br>Æc.                              | 58. commixta Blatch. 16–407<br>ovata ‡ Csy. 92–656 ncc I                                    | Mass.D.C.<br>ec. [Ind.               |
| 15. neglectus Blatch. 16–392                                                                   | Fla.                                             | 59. ovata (Lec.) 68–363<br>congermana Csy. 92–657                                           | MassMo.                              |
| Centrinites Csy. 92–615<br>17616. strigicollis Csy. 92–616                                     | N.C.Ky.Mo.                                       | 60. egregia Csy. 92–657  Zaglyptus Lec. 76–236                                              | Ariz.                                |
| <b>Calandrinus</b> Lec. 76–305<br>17617. grandicollis Lec. 76–305                              | Colo.                                            | 17661. striatus Lec. 76–237<br>62. sulcatus Lec. 76–237                                     | Pa. D.C. O.<br>Ala.D.C. O.           |
| 18. insignis Csy. 92–619<br>19. obsoletus Csy. 92–620                                          | Colo.<br>Colo.                                   | Oomorphidius Csy. 92–659                                                                    | Ind.                                 |
| Centrinogyna Csy. 92–620<br>17620. strigata (Lec.) 76–421                                      | Colo. Wy.                                        | 17663. erasus (Lec.) 78–217<br>64. kevicollis (Lec.) 76–304                                 | Kan.<br>Mo.D.C.Ga.<br>Fla.           |
|                                                                                                |                                                  |                                                                                             |                                      |

| <b>Eisonyx</b> Lec. 78–216<br>17665. crassipes Lec. 78–217<br>( <i>Eumononycha</i> Csy. 93–60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tex.                                                                                                                                        | Barilepton Lec. 76–318<br>17684. filiforme Lec. 76–319<br>85. famelicum Csy. 92–677                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N.Eng.Mich.<br>Colo. [Neb.                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 66. opaca Csy. 93–601<br>67. picipcs Pierce 16–472                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ťcx.<br>Tenn.                                                                                                                               | 86. quadricolle Lec. 76–423<br>87. falciger Csy. 92–678                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NebN.J.<br>So.Cal.                                                                                                                                                       |
| Zygobaris Lec. 76–317                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                             | <b>Eunyssobia</b> Csy. 92–679 ( <i>Euchates</i>    Lec. 76–319)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                          |
| 17668. nitens Lec. 76–318<br>69. xanthoxyli Picrce 07–383                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fla.<br>Tex.                                                                                                                                | 17688. echidna Lec. 76–320 Americades Csy. 93–602                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | OIa.                                                                                                                                                                     |
| <b>Zygobarinus</b> Pierce 07–385 17670. cœlestinus (Linell) 97–55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Fla.                                                                                                                                        | (Zygobaroides Pierce 07–38<br>17689. subulirostris Csy. 93–603<br>schwarzi Pierce 07–384                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 34)<br>Tex.<br>La.                                                                                                                                                       |
| Catapastus Csy. 92–664<br>17671. conspersus (Lcc.) 76–318                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | O.Mich.Ia.                                                                                                                                  | <b>Plocamus</b> Lec. 76–320<br>17690. hispidulus Lec. 76–320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N.J.D.C.Ohio.                                                                                                                                                            |
| 72. albonotatus Linell 97–56<br>73. signatipennis Linell 97–55<br>74. diffusus Csy. 92–665                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Fla. [(Fla.?)<br>Fla.<br>Fla.                                                                                                               | Acythopeus Pasc. 74–61 (Acypotheus ‡ auct.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | £4                                                                                                                                                                       |
| Barinus Csy. 86–255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | C - El-                                                                                                                                     | 17691. orchivora Blackb. 00–61<br>92. aterrimus Waterh. 74–226                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | †Australia,<br>N.J.<br>†Philippine Is.                                                                                                                                   |
| 17675. bivittatus (Lec.) 78–431<br>76. cribricollis (Lec.) 76–422<br>77. squamolineatus Csy. 86–2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ga. Fla.<br>Fla. Mich.<br>56                                                                                                                | 93. gilvonotatus Barber 17–17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | D.C.                                                                                                                                                                     |
| 78. suffusus Csy. 92–670                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ill. Ind. Ia.<br>Tex.                                                                                                                       | Diorymerellus Champ. 08-252                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | D.C. Ñ.J.                                                                                                                                                                |
| 79. difficilis Csy. 92–671<br>80. lutescens (Lec.) 78–218                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | So.Cal.<br>Tex.                                                                                                                             | (Diorymellus ‡ Champ. 16<br>17694. lævimargo Champ.16–200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | †Conn. Wis.                                                                                                                                                              |
| 81. curticollis Csy. 92–673<br>82. albescens (Lec.) 78–218<br>83. linearis (Lec.) 76–422                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mo.La.D.C.<br>Tex. N.J.<br>Fla.                                                                                                             | No. 17695 is omitted through error ing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N.J.<br>in serial number-                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Zygo                                                                                                                                        | DINI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                          |
| Zygopini                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Heller 95. Case                                                                                                                             | ev 97. Fall 06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                          |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Heller 95; Case                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                          |
| <b>Zygops</b> Schön. 26–300<br>17696. seminiveus Lec. 84–31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ariz.                                                                                                                                       | ey 97; Fall 06<br><b>Cylindrocopturus</b> Heller<br>17714. missourianus (Csy.) 97-67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                             | Cylindrocopturus Heller<br>17714. missourianus (Csy.) 97-67<br>15. centropictus (Fall) 06-60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mo.<br>Tex.                                                                                                                                                              |
| 17696. seminiveus Lec. 84–31<br>97. suffusus Csy. 92–459<br>98. adustus Fall 06–61<br>Gelus Csy. 97–667                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ariz.<br>S.W. Tex.                                                                                                                          | Cylindrocopturus Heller<br>17714. missourianus (Csy.) 97-67<br>15. centropictus (Fall) 06-60<br>16. operculatus (Say) 24-308<br>17. sparsus (Csy.) 97-673                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mo.<br>Tex.                                                                                                                                                              |
| 17696. seminiveus Lec. 84-31<br>97. suffusus Csy. 92-459<br>98. adustus Fall 06-61<br>Gelus Csy. 97-667<br>(Piazurus ‡ Lec. 76-260)<br>(Lechriops Schön. 26-306)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ariz.<br>S.W. Tex.<br>Ariz.                                                                                                                 | Cylindrocopturus Heller<br>17714. missourianus (Csy.) 97-67<br>15. centropictus (Fall) 06-60<br>16. operculatus (Say) 24-308                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mo.<br>Tex.<br>Ind. Dak. Tex.<br>La.                                                                                                                                     |
| 17696. seminiveus Lec. 84-31<br>97. suffusus Csy. 92-459<br>98. adustus Fall 06-61<br>Gelus Csy. 97-667<br>(Piazurus ‡ Lec. 76-260)<br>(Lechriops Schön. 26-306)<br>17699. oculatus (Say) 24-308<br>17700. floridanus (Fall) 05-61<br>01. subfasciatus (Lec.) 76-26                                                                                                                                                                                                                                                                                                                                                                      | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. N.Y. Pa.                                                                                    | Cylindrocopturus Heller<br>17714. missourianus (Csy.) 97-67<br>15. centropictus (Fall) 06-60<br>16. operculatus (Say) 24-308<br>17. sparsus (Csy.) 97-673<br>18. nanulus (Lec.) 76-261<br>a. floridanus (Csy.) 97-674                                                                                                                                                                                                                                                                                                                                                                                                                                        | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia.                                                                                                                      |
| 17696. seminiveus Lec. 84-31<br>97. suffusus Csy. 92-459<br>98. adustus Fall 06-61<br>Gelus Csy. 97-667<br>( <i>Piazurus</i> ‡ Lcc. 76-260)<br>( <i>Lechriops</i> Schön. 26-306<br>17699. oculatus (Say) 24-308                                                                                                                                                                                                                                                                                                                                                                                                                          | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. N.Y. Pa.                                                                                    | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263                                                                                                                                                                                                                                                                                                                         | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia. Ky. Ind. D.C. Cal. Can.D.C.                                                                             |
| 17696. seminiveus Lec. 84-31<br>97. suffusus Csy. 92-459<br>98. adustus Fall 06-61<br>Gelus Csy. 97-667<br>(Piazurus ‡ Lec. 76-260)<br>(Lechriops Schön. 26-306)<br>17699. oculatus (Say) 24-308<br>17700. floridanus (Fall) 05-61<br>01. subfasciatus (Lec.) 76-26                                                                                                                                                                                                                                                                                                                                                                      | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. 0 N.Y. Pa. Cal.So.Cal.                                                                      | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263 subcupreus (Csy.) 97-677 obscurellus (Csy.) 97-677                                                                                                                                                                                                                                                                      | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia. Ky. Ind. D.C. Cal. Can.D.C. Mass. [So.Cal. Colo.                                                        |
| 17696. seminiveus Lec. 84-31 97. suffusus Csy. 92-459 98. adustus Fall 06-61  Gelus Csy. 97-667 (Piazurus ‡ Lec. 76-260) (Lechriops Schön. 26-306) 17699. oculatus (Say) 24-308 17700. floridanus (Fall) 05-61 01. subfasciatus (Lec.) 76-260 02. californicus (Lec.) 76-260  Gyrotus Csy. 97-668 17703. munitus Csy. 97-668  Cylindrocopturus Heller 95-56                                                                                                                                                                                                                                                                              | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. N.Y. Pa. Cal.So.Cal. Ariz.                                                                  | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263 subcupreus (Csy.) 97-677 obscurellus (Csy.) 97-677 a. nubilatus (Csy.) 97-676 mucidus (Csy.) 97-676                                                                                                                                                                                                                     | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia, Ky. Ind. D.C. Cal. Can.D.C. Mass. [So.Cal. Colo. Cal. No.Cal.                                           |
| 17696. seminiveus Lec. 84-31 97. suffusus Csy. 92-459 98. adustus Fall 06-61  Gelus Csy. 97-667 (Piazurus ‡ Lec. 76-260) (Lechriops Schön. 26-306) 17699. oculatus (Say) 24-308 17700. floridanus (Fall) 05-61 01. subfasciatus (Lec.) 76-260 02. californicus (Lec.) 76-260  Gyrotus Csy. 97-668 17703. munitus Csy. 97-668  Cylindrocopturus Heller 95-56 (Copturus ‡ Lec. 76) (Copturodes Csy. 97-669)                                                                                                                                                                                                                                | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. N.Y. Pa. Cal.So.Cal. Ariz.                                                                  | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263 subcupreus (Csy.) 97-677 obscurellus (Csy.) 97-677 a. nubilatus (Csy.) 97-676                                                                                                                                                                                                                                           | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia. Ky. Ind. D.C. Cal. Can.D.C. Mass. [So.Cal. Colo. Cal.                                                   |
| 17696. seminiveus Lec. 84-31 97. suffusus Csy. 92-459 98. adustus Fall 06-61  Gelus Csy. 97-667 (Piazurus ‡ Lec. 76-260) (Lechriops Schön. 26-306) 17699. oculatus (Say) 24-308 17700. floridanus (Fall) 05-61 01. subfasciatus (Lec.) 76-260 02. californicus (Lec.) 76-260  Gyrotus Csy. 97-668 17703. munitus Csy. 97-668  Cylindrocopturus Heller 95-56 (Copturus ‡ Lec. 76) (Copturodes Csy. 97-669) 17704. horridus (Fall) 06-56 05. quadridens (Horn) 94-446                                                                                                                                                                      | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. O.N.Y. Pa. Cal.So.Cal. Ariz.  So.Cal.                                                       | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263 subcupreus (Csy.) 97-677 obscurellus (Csy.) 97-677 a. nubilatus (Csy.) 97-676 b. dispersus (Csy.) 97-678 22. dehiscens (Fall) 06-60  Eulechriops Faust 96-91                                                                                                                                                            | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia. Ky. Ind. D.C. Cal. Can.D.C. Mass. [So.Cal. Colo. Cal. No.Cal. Can. Ky.                                  |
| 17696. seminiveus Lec. 84–31 97. suffusus Csy. 92–459 98. adustus Fall 06–61  Gelus Csy. 97–667 (Piazurus ‡ Lec. 76–260) (Lechriops Schön. 26–306 17699. oculatus (Say) 24–308 17700. floridanus (Fall) 05–61 01. subfasciatus (Lec.) 76–260 02. californicus (Lec.) 76–260  Gyrotus Csy. 97–668 17703. munitus Csy. 97–668  Cylindrocopturus Heller 95–56 (Copturus ‡ Lec. 76) (Copturodes Csy. 97–669) 17704. horridus (Fall) 06–56 05. quadridens (Horn) 94–446 06. jatrophæ (Fall) 06–56 07. filicornis (Fall) 06–57                                                                                                                 | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. O.Y. Pa. Cal.So.Cal. Ariz.  So.Cal.  L.Cal. Ariz. Tex.                                      | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263 subcupreus (Csy.) 97-677 obscurellus (Csy.) 97-677 a. nubilatus (Csy.) 97-676 b. dispersus (Csy.) 97-676 b. dispersus (Csy.) 97-678 22. dehiscens (Fall) 06-60  Eulechriops Faust 96-91 (Zygomicrus Csy. 97-679) 17723. minutus (Lec.) 24-171                                                                           | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia. Ky. Ind. D.C. Cal. Can.D.C. Mass. [So.Cal. Colo. Cal. No.Cal. Can. Ky.                                  |
| 17696. seminiveus Lec. 84–31 97. suffusus Csy. 92–459 98. adustus Fall 06–61  Gelus Csy. 97–667 (Piazurus ‡ Lec. 76–260) (Lechriops Schön. 26–306) 17699. oculatus (Say) 24–308 17700. floridanus (Fall) 05–61 01. subfasciatus (Lec.) 76–260 02. californicus (Lec.) 76–260  Gyrotus Csy. 97–668 17703. munitus Csy. 97–668  Cylindrocopturus Heller 95–56 (Copturus ‡ Lec. 76) (Copturodes Csy. 97–669) 17704. horridus (Fall) 06–56 05. quadridens (Horn) 94–446 06. jatrophæ (Fall) 06–56 07. filicornis (Fall) 06–57 08. mammillatus(Lec.) 76–262 09. princeps (Fall) 06–58                                                         | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. O.Y. Pa. Cal.So.Cal. Ariz.  So.Cal.  L.Cal. Ariz. Tex. So.CalTex. So.Cal.                   | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263 subcupreus (Csy.) 97-677 obscurellus (Csy.) 97-677 a. nubilatus (Csy.) 97-676 b. dispcrsus (Csy.) 97-676 b. dispcrsus (Csy.) 97-678 22. dehiscens (Fall) 06-60  Eulechriops Faust 96-91 (Zygomicrus Csy. 97-679) 17723. minutus (Lec.) 24-171 24. sobrinus (Horn) 95-256 25. pictus Schffr. 08-219                      | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia. Ky. Ind. D.C. Cal. Can.D.C. Mass. [So.Cal. Colo. Cal. No.Cal. Can. Ky. Cal. No.Cal. Can. Ky. Cal.       |
| 17696. seminiveus Lec. 84-31 97. suffusus Csy. 92-459 98. adustus Fall 06-61  Gelus Csy. 97-667 (Piazurus ‡ Lec. 76-260) (Lechriops Schön. 26-306) 17699. oculatus (Say) 24-308 17700. floridanus (Fall) 05-61 01. subfasciatus (Lec.) 76-260 02. californicus (Lec.) 76-260  Gyrotus Csy. 97-668 17703. munitus Csy. 97-668  Cylindrocopturus Heller 95-56 (Copturus ‡ Lec. 76) (Copturodes Csy. 97-669) 17704. horridus (Fall) 06-56 05. quadridens (Horn) 94-446 06. jatrophæ (Fall) 06-56 07. filicornis (Fall) 06-57 08. mammillatus(Lec.) 76-262 09. princeps (Fall) 06-58 10. littoralis (Fall) 06-58 11. mediinotus (Fall) 06-59 | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. O.N.Y. Pa. Cal.So.Cal. Ariz.  So.Cal.  L.Cal. Ariz. Tex. So.CalTex. So.Cal. So.Cal. So.Cal. | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263 subcupreus (Csy.) 97-677 obscurellus (Csy.) 97-677 a. nubilatus (Csy.) 97-676 b. dispersus (Csy.) 97-676 b. dispersus (Csy.) 97-678 22. dehiscens (Fall) 06-60  Eulechriops Faust 96-91 (Zygomicrus Csy. 97-679) 17723. minutus (Lec.) 24-171 24. sobrinus (Horn) 95-256                                                | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia. Ky. Ind. D.C. Cal. Can.D.C. Mass. [So.Cal. Colo. Cal. No.Cal. Can. Ky. Cal.  No.Cal. Can. Ky. Cal.      |
| 17696. seminiveus Lec. 84-31 97. suffusus Csy. 92-459 98. adustus Fall 06-61  Gelus Csy. 97-667 (Piazurus ‡ Lec. 76-260) (Lechriops Schön. 26-306) 17699. oculatus (Say) 24-308 17700. floridanus (Fall) 05-61 01. subfasciatus (Lec.) 76-260 02. californicus (Lec.) 76-260  Gyrotus Csy. 97-668 17703. munitus Csy. 97-668  Cylindrocopturus Heller 95-56 (Copturus ‡ Lec. 76) (Copturodes Csy. 97-669) 17704. horridus (Fall) 06-56 05. quadridens (Horn) 94-446 06. jatrophæ (Fall) 06-56 07. filicornis (Fall) 06-57 08. mammillatus(Lec.) 76-262 09. princeps (Fall) 06-58 10. littoralis (Fall) 06-58                             | Ariz. S.W. Tex. Ariz.  pars) N.Eng.Ia.Fla. Fla. O.N.Y. Pa. Cal.So.Cal. Ariz.  So.Cal.  L.Cal. Ariz. Tex. So.CalTex. So.Cal. So.Cal.         | Cylindrocopturus Heller 17714. missourianus (Csy.) 97-67  15. centropictus (Fall) 06-60 16. operculatus (Say) 24-308 17. sparsus (Csy.) 97-673 18. nanulus (Lec.) 76-261 a. floridanus (Csy.) 97-674 19. quercus (Say) 31-20 cavifrons (Csy.) 97-675 a. frontalis (Csy.) 97-674 20. lunatus (Lec.) 76-263 21. longulus (Lec.) 76-263 subcupreus (Csy.) 97-677 obscurellus (Csy.) 97-677 a. nubilatus (Csy.) 97-676 b. dispersus (Csy.) 97-676 b. dispersus (Csy.) 97-678 22. dehiscens (Fall) 06-60  Eulechriops Faust 96-91 (Zygomicrus Csy. 97-679) 17723. minutus (Lec.) 24-171 24. sobrinus (Horn) 95-256 25. pictus Schffr. 08-219  Acoptus Lec. 76-264 | Mo. Tex. Ind. Dak. Tex. La. Tex. Fla. Md. Fla. [Ia. N.Y. Ga. Ia. Ky. Ind. D.C. Cal. Can.D.C. Mass. [So.Cal. Colo. Cal. No.Cal. Can. Ky. Cal. No.Cal. Can. Ky. Cal. Ariz. |

<sup>†</sup> Introduced in Orchid houses.

# CEUTORHYNCHINI

# Dietz 96; Blatchley & Leng 16

Mononychi

Mononychus Germ. 24–241 17728. vulpeculus (Fab.) 01–450 Can. Ga. Wis.

# Caliodes

|                                         |                 | ·····                            |                |
|-----------------------------------------|-----------------|----------------------------------|----------------|
| Craponius Lec. 76–268                   |                 | Auleutes Dietz                   |                |
| 17729. inæqualis (Say) 31-20            | N.Eng. Fla.     | 17746. tuberculatus Dietz 96-406 | Ariz.          |
| • • • • • • • • • • • • • • • • • • • • | Mo.             | 47. subfasciatus Dietz 96–406    | Mich.S.C.Tex.  |
| Cnemogonus Lec. 76–269                  |                 | 48. tachygonoides Dietz 96-40    |                |
| 17730. lecontei Dietz 96–392            | Can. B.C. Pa.   | <b>V</b> &                       | D.C. Fla. Tex. |
| epilobii ‡ Lec. 76–269 nec              |                 | 49. marionis Fall 13-68          | Mass.          |
| ephoon 4 Bee. 10 200 nee                | i aj ik.        | 50. longirostris Dietz 96–407    | Tex.           |
| Acanthoscelis Dietz 96–393              |                 | 51. cruralis Lec. 76–270         | N.J. Nfld. Pa. |
| 17731. californicus Dietz 96–394        | Cal.            | ?epilobii (Payk.) 00–259         | Eur. Tex.      |
| 32. frontalis Dietz 96–395              | Cal.?           | **                               | •              |
| 33. griseus Dietz 96–395                | Mont.           | 52. nasalis (Lec.) 76–271        | Tex.           |
| 34. ilex Dietz 96–396                   | Mont.           | 53. nebulosus (Lec.) 76–271      | Can.Fla. Miss. |
| 35. curtus (Say) 31–29                  | N.Eng. Mont.    | oo. nesarosas (neci) 10 211      |                |
| oo: cartas (say) or 20                  | Ariz.           | Pelenosomus Dietz 96-411         |                |
| 36. acephalus (Say) 24–309              | Can. Ga. Colo.  | 17754. cristatus Dietz 96–411    | D.C. Ala.      |
| subulirostris (Gyll.) 37–2              |                 | 21,102, 01,2500000 21000 00 111  | 2.0.11         |
| leprosus (Boh.) 44–394                  | oo <sub>(</sub> | Hypocœliodes Faust 96-100        |                |
| a. tenebrosus Dietz 96–398              | Utah, Colo.     | (Orchestomerus Dietz 96-41       | 12)            |
| 37. tarsalis Dietz 96–398               | Tex.            | 17755. ulkei (Dietz) 96–413      | Ń.Y.           |
| 38. guttatus Dietz 96–399               | Tex.            | 56. wickhami (Dietz) 96-414      | Tex.           |
| 39. perplexus Dietz 96–400              | Neb. Cal.       | ` '                              |                |
| 40. mendicus Dictz 96–400               | Ga. Fla. Tex.   | Acallodes Lec. 76–271            |                |
| 41. pusillus Dietz 96–401               | Tex.            | 17757. ventricosus Lec. 76–272   | D.C. Pa. N.J.  |
| 1                                       |                 | 58. lysimachiæ Fall 13–67        | Mass. [Mich.   |
| Auleutes Dietz 96-402                   |                 | 59. saltoides Dietz 96–416       | MdMinn.        |
| *                                       |                 |                                  |                |
| 17742. curvipes Dietz 96–403            | Tex.            | Cœliodes Schön. 37–282           |                |
| 43. asper (Lec.) 76–270                 | Can. Tex.       | 17760. flavicaudis Boh. 44-397   | N.Am.          |
| 44. tenuipes (Lec.) 76–270              | Can. Tex.       | apicalis Dietz 96–417            | CanTex.        |
| 45. ater Dietz 96–405                   | Me. Mass.       | 61. vitiosus Dietz 96–418        | Pa.            |
|                                         |                 |                                  |                |
|                                         | 0 1 1           | 1. 1.                            |                |

|      | Ceutornynchi                                      |                 |     |                                          |              |
|------|---------------------------------------------------|-----------------|-----|------------------------------------------|--------------|
| euto | rhynchus Germ. 24–217<br>(Ccuthorrhynchidius Duv. | 54-60)          |     | rhynchus Germ.<br>ovipennis Dietz 96–428 | Cal. B.C.    |
| 7762 | subpubescens Lcc. 76–273                          |                 |     | sulcipennis Lec. 76–274                  | Can.Ala.Kan. |
|      | pervestitus Fall 01–267                           | Cal.            |     | decipiens Lec. 76–275                    | Can.N.C.Cal. |
|      | rapæ Gyll. 37–547                                 | †Eur.Can.Cal.   |     | cyanipennis Germ. 24–235                 |              |
| 0 1. | affluentus Dietz 96–421                           | 1 Eur. Cum. Cum | 00. | erysimi ‡ auct. nec Fab.                 | [Cal.        |
| 65.  | sulcicollis (Payk.) 00–217                        | †Eur. Md.       |     | ?æratus Dietz 96–431                     | Ohio         |
|      | quadridens (Panz.) 96-13                          | †Eur.Mass.      | 84. | bolteri Dietz 96–432                     | IllN.Y.      |
|      | seriesetosus Dietz 96-422                         | [N.Y.           |     | hirticollis Dietz 96–433                 | Ill. Wis.    |
| 67.  | marginatus (Payk.) 92-27                          | †Eur. Mass.O.   | 85. | armatus Dietz 96–433                     | Tex.         |
|      | ?sericans ‡ Dury nec Lec.                         |                 | 86. | pollinosus Dietz 96–434                  | Cal.         |
| 68.  | isolatus Dietz 96–422                             | Mont.Nev.       | 87. | ĥorni Dietz 96-435                       | So.Cal.      |
|      |                                                   | Cal.            | 88. | nodipennis Dietz 96–435                  | So.Cal.      |
| 69.  | rudis Lec. 76–275                                 | Kan. Nev.       |     | adjunctus Dietz 96–436                   | Utah, Nev.   |
| 70.  | notatulus Fall 07–269                             | N.Mex.          |     | stanleyi Sz. mss.                        | ,            |
| 71.  | sericans Lec. 76–275                              | CalIa.Ariz.     | 90. | moznettei Fall 17–389                    | Or.          |
| 72.  | solitarius Fall 07–269                            | Colo.           | 91. | omissus Fall 17–388                      | Man.         |
| 73.  | angulatus Lec. 76–277                             | So.Cal.Vanc.    |     | mutabilis Dietz 96–437                   | So.Cal. Kan. |
|      | consanguineus Dictz 96-42                         | 26              | 93. | ovalis Dietz 96–438                      | Ill. Minn.   |
|      | o e e e e e e e e e e e e e e e e e e e           | Nev.            | 94. | dietzi n.m.                              | Pa.          |
| 75.  | disturbatus Dietz 96–426                          | So.Cal.Vanc.    |     | intermedius    Dietz 96-438              | 3            |
|      |                                                   | B.C.            | 95. | numulus Dietz 96–439                     | Tex.         |
| 76.  | obliquus Lec. 76–278                              | So.Cal.Tex.     | 96. | pusio Mann. 52–355                       | Alas. Mass.  |
| 77.  | tau Lec. 76–278                                   | Tex.            |     | ĥamiltoni Dietz 96–440                   | Mass. R.I.   |
| 78.  | invisus Fall 17–388                               | Man.            | 97. | neglectus Blatch. 16–447                 | N.Eng.D.C.   |
|      | cchinatus Fall 17–386                             | Man.            |     | pusio ‡ Dietz 96-440 ncc I               |              |
|      |                                                   |                 |     |                                          |              |

Ariz.

| Ceutorhynchus Germ. 17798. adspersulus Dictz 96–441 99. pusillus Lec. 76–276 17800. pauxillus Dictz 96–442 01. convexicollis Lec. 76–276 a. atomus Dictz 96–444 02. anthonomoides Dietz 96–4 03. transversus Blatch.16–450 04. squamatus Lec. 76–277 05. lesquerellæ Pierce 10–366 06. oregonensis Dietz 96–445 07. siculus Dietz 96–446 08. persimilis Dictz 96–447 09. convexipennis Fall 17–390 10. albopilosulus Dietz 96–448 | D.C. Ind. Ind. Ill. D.C. Tex. Or. Id. Va. Ind. Nev. | 17811. 12. 13. 14. 15. 16. 17. 18. 19. 20. | tescorum Fall 07–270<br>semirufus Lec. 76–278<br>medialis Lec. 76–279<br>crythropus Dietz 96–450<br>morosus Dietz 96–451<br>atriculus Dietz 96–451<br>septentrionalis Gyll.37–49<br>puberulus Lec. 76–279<br>floridanus Leng 16–452<br>zimmermanni Gyll. 37–492<br>onymus Dietz 96–453<br>relictus Dietz 96–454 | Can.Tex.Cal.<br>Fla. Ala.         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | Phytobii                                            | spurii                                     |                                                                                                                                                                                                                                                                                                                 |                                   |
| Dietzella Champ. 07–151<br>(Cælogaster    Schön. 37–58<br>17822. zimmermanni Gyll. 37–587                                                                                                                                                                                                                                                                                                                                         | 88)                                                 | Dietze                                     | ella Champ.<br>lituratus Dietz 96–457                                                                                                                                                                                                                                                                           | Mich.Ill.Can.<br>N.H.             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | Phytobii                                            | nori                                       |                                                                                                                                                                                                                                                                                                                 |                                   |
| D D. 1 00 450                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 ng:00:1                                           |                                            | 15                                                                                                                                                                                                                                                                                                              |                                   |
| Perigaster Dietz 96–458<br>17824. cretura (Herbst) 97–70                                                                                                                                                                                                                                                                                                                                                                          | Can.Fla.Tex.                                        |                                            | p <b>eltus</b> Dietz.<br>- æneosquamosus Dietz 96-                                                                                                                                                                                                                                                              | -469                              |
| quadrispinosus (Say) 23-3                                                                                                                                                                                                                                                                                                                                                                                                         | 310                                                 |                                            |                                                                                                                                                                                                                                                                                                                 | Or. Tex.                          |
| 25. obscurus (Lec.) 76–283                                                                                                                                                                                                                                                                                                                                                                                                        | Fla. Ga.                                            |                                            | congenialis Dietz 96–470<br>scoliasus Dietz 96–470                                                                                                                                                                                                                                                              | Or.<br>Wy.                        |
| Perenthis Dietz 96–460<br>17826. vestitus Dietz 96–461                                                                                                                                                                                                                                                                                                                                                                            | Ind. Va. Ga.                                        | Rhino                                      | ncus Schön. 37–577                                                                                                                                                                                                                                                                                              |                                   |
| <b>Pelenomus</b> Thoms. 60–138<br>17827. cavifrons Lec. 76–282                                                                                                                                                                                                                                                                                                                                                                    | So.Cal. Ut.                                         |                                            | pericarpius (Fab.) 01–451<br>?umbellæ (Fab.) 01–450<br>triangularis (Say) 31–20                                                                                                                                                                                                                                 | Eur.Sib.Can.<br>S.C. [Tex.<br>Pa. |
| a. torvipes Dietz 96–462<br>28. sulcicollis (Fåhr.) 43–346<br>29. gracilipes Dietz 96–463                                                                                                                                                                                                                                                                                                                                         | Wash.<br>Can.Ga.Ala.<br>Neb. Colo.                  | 42.                                        | occidentalis Dictz 96–471<br>pyrrhopus Boh. 45–172                                                                                                                                                                                                                                                              | Can.Tex.Colo.                     |
| 30. asperulus Dietz 96–464<br>31. griseus Blatch. 16–458                                                                                                                                                                                                                                                                                                                                                                          | Mich. Mass.<br>Mass. N.J.                           | 43.                                        | longulus Lec. 76–284                                                                                                                                                                                                                                                                                            | N.Eng.Ill.Fla.                    |
| 32. squamosus Lec. 76–281                                                                                                                                                                                                                                                                                                                                                                                                         | N.Y.Mich.<br>B.C.                                   | Phyto                                      | bius Schön. 36–458                                                                                                                                                                                                                                                                                              |                                   |
| 33. impressiventris Blatch. 16                                                                                                                                                                                                                                                                                                                                                                                                    | -459                                                | 17844.                                     | (Eubrychius Thoms. 60–13 velatus (Beck) 17–20                                                                                                                                                                                                                                                                   | 38)<br>Eur. Mass.                 |
| 34. pusillus Dietz 96–466                                                                                                                                                                                                                                                                                                                                                                                                         | Ind. Mass.                                          |                                            | griseomicans Sz. 91–165                                                                                                                                                                                                                                                                                         | Mich. [Vanc.                      |
| ?squainosus ‡ Sz. 78–457 r                                                                                                                                                                                                                                                                                                                                                                                                        | ice Lee.                                            | 46.                                        | (Eubrychiopsis Dietz 96–4<br>lecontei Dietz 96–475                                                                                                                                                                                                                                                              | Mich.                             |
| Mecopeltus Dietz 96–466<br>17835. fuliginosus Dietz 96–467                                                                                                                                                                                                                                                                                                                                                                        | Can.Tex.Or.                                         | Rutide                                     | osoma Steph. 31–45                                                                                                                                                                                                                                                                                              |                                   |
| 36. scandens Dietz 96–467                                                                                                                                                                                                                                                                                                                                                                                                         | Mass. Va.                                           | <b>L</b> uora                              | (Rhytidosomus ‡ auct.)                                                                                                                                                                                                                                                                                          |                                   |
| 37. obscurefasciatus Dietz 96-                                                                                                                                                                                                                                                                                                                                                                                                    | -468<br>Nev.                                        | 17847.                                     | orobinus Schiödte 59–141<br>?globulus Hbst. 95–398                                                                                                                                                                                                                                                              | Greenland<br>Eur.                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | Скуртовн                                            | YNCHINI                                    | r                                                                                                                                                                                                                                                                                                               |                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | Leconte 76; Blat                                    |                                            |                                                                                                                                                                                                                                                                                                                 |                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ithype                                              |                                            | Cheng 10                                                                                                                                                                                                                                                                                                        |                                   |
| Phyrdenus Lec. 76-249                                                                                                                                                                                                                                                                                                                                                                                                             | 3.7. Y. TII                                         |                                            | rachelus Schön.                                                                                                                                                                                                                                                                                                 |                                   |
| 17848. divergens (Germ.) 24–282<br>undatus Lec. 76–249                                                                                                                                                                                                                                                                                                                                                                            | N.J. Fla.<br>Mo.Ga.Tex.<br>D.C.                     | 17851.                                     | nenuphar (Hbst.) 97–29<br>argula (Fab.) 01–467<br>cerasi (Pcck) 19–307                                                                                                                                                                                                                                          | NfldFla.Tex.                      |
| 49. muriccus (Germ.) 24–281<br>bullatus Csy. 92–458                                                                                                                                                                                                                                                                                                                                                                               | FlaCent.Am.<br>Ariz.                                | 53.                                        | juglandis Lec. 76–226<br>albicinctus Lec. 76–226                                                                                                                                                                                                                                                                | QueGaIll.<br>Mich.Fla.Tex.        |
| Conotrachelus Schön. 37–392                                                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                            | retentus (Say) 31–27<br>falli Blatch. 16–471                                                                                                                                                                                                                                                                    | Pa.Fla.Kan.<br>Ind.               |
| (Schffr. 06–341)                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                     |                                            | affinis Boh. 37–429                                                                                                                                                                                                                                                                                             | N.J. Fla.O.La.                    |
| (I.A.Lec) *                                                                                                                                                                                                                                                                                                                                                                                                                       | 00                                                  | 57.                                        | compositus Csy. 92–439                                                                                                                                                                                                                                                                                          | Ariz.                             |
| 17850. tuberculicollis Schffr. 06-3                                                                                                                                                                                                                                                                                                                                                                                               | 39                                                  | 58.                                        | seniculus Lcc. 76–227                                                                                                                                                                                                                                                                                           | Que.Fla.Kan.                      |

Ariz.

| <b>a</b>                                                  |                                  | Conotrachelus Schön.                                                        |                                |
|-----------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------|--------------------------------|
| Conotrachelus Schön.<br>17859. elegans (Say) 31–18        | Mass.Fla.Mo.                     | 17892. leucophæatus Fåhr. 37-417                                            | Mex.Ind.                       |
| 60. neomexicanus Fall 13–66                               | N.Mex.                           | (III Lec.) *****                                                            | (N.J.?)                        |
| 61. aratus (Germ.) 24–283                                 | Mass.Fla.Ky.                     | 93. fissunguis Lec. 76–234<br>(IV Lec.) ******                              | N.JLa.                         |
| 62. nivosus Lec. 76–229<br>plagiatus Lec. 76–233          | Tex.                             | 94. texanus Schffr. 06–342                                                  | Tex.                           |
| 63. arizonicus Schffr. 06–340                             | Ariz.                            | 95. erinaceus Lec. 76–235                                                   | O. D.C.Fla.                    |
| 64. ecarinatus Schffr. 06–340                             | Ariz.                            | 96. hispidus Lec. 76–235<br>97. echinatus Horn 95–258                       | Ga.D.C. [Tex. So.Ariz.         |
| **<br>                                                    | Т                                | - confinis Fåhr. 37–430                                                     | Pa.                            |
| 65. rubescens Schffr. 04–232<br>(I.B.Lec.) ***            | Tex.                             | — cristatus Fåhr. 37–438                                                    | W.I.(U.S.?)                    |
| 66. cratægi Walsh 63–311                                  | N.Eng.Ga.Ia.                     | Ryssematus (Chev.) Schön. 37–3                                              | 364                            |
| 67. serpentinus Boh. 37–402                               | Fla. Cuba                        | (Rhyssematus ‡ auct.)                                                       | -                              |
| ventralis Lec. 78–428<br>68. adspersus Lec. 76–230        | Kan. (O.?)                       | Horn 73; Casey 95<br>17898. grandicollis Csy. 95–833                        | Ia.                            |
| 69. invadens Fall 07–268                                  | Tex.                             | 99. lineaticollis Say 24–313                                                | Mass.Fla.Tex.                  |
| 70. belfragei Lec. 76–419                                 | Tex. Fla.                        | 17900. annectens Csy. 95–834                                                | Ind.?                          |
| 71. similis Boh. 37–416<br>72. naso Lec. 76–231           | Ga. Fla.<br>N.Y.Fla.Ind.         | 01. æqualis Horn 73–464<br>02. palmacollis Say 31–16                        | Pa.Ia.Miss.<br>Fla.Tex.D.C.    |
| 73. carinifer Csy. 92–440                                 | Tex. [Tex.                       | 03. medialis Csy. 95–384                                                    | Ariz. [Ind.                    |
| 74. integer Csy. 92–441                                   | Ariz.                            | 04. pubescens Horn 73–465                                                   | Ariz.N.Mex.                    |
| ****                                                      | Т                                | 05. oculatus Schffr. 09–386                                                 | Ariz. [So.Cal.                 |
| 75. rotundus Csy. 92–442<br>76. duplex Csy. 92–441        | Tex.<br>So.Cal.?                 | (Sermysatus Csy. 95–833)<br>06. pruinosus Boh. 45–13                        | Ariz. L.Cal.                   |
| 77. posticatus Boh. 37–406                                | Can. Fla. Ia.                    | 07. ovalis Csy. 92–443                                                      | Tex.                           |
| 78. lucanus Horn 95–257                                   | L.Cal.                           | 08. parvulus Csy. 95–835                                                    | N.Mex.                         |
| 79. maritimus Blatch. 17–278<br>80. floridanus Fall 13–66 | Fla.<br>Fla.                     | Chalcodermus Schön. 37–377                                                  |                                |
| 81. cognatus Lec. 78–429                                  | Fla.                             | 17909. aeneus Boh. 37–388                                                   | Md.Fla.Tex.                    |
| 82. pusillus Lec. 78–429                                  | Fla.R.I. Ind.                    | 10. inæquicollis Horn 73–466<br>11. collaris Horn 73–467                    | Ark. Fla. Ga.<br>Mass.Fla.Tex. |
| 83. atokanus Fall 13–65<br>84. geminatus Dej. 37–322      | Okla.<br>Can. Fla. Ia.           | 12. semicostatus Schffr. 04–23                                              |                                |
| puncticollis   Walsh 63-3                                 | 10                               | 19 Dahn 27 205                                                              | Tex.                           |
| 85. biscaynensis Fall 17–385                              | Fla.                             | 13. serripes Fāhr. 37–385<br>14. vittatus Champ. 04–324                     | TexBrazil TexGuat.             |
| 86. infector Boh. 45–49<br>87. cribricollis (Say) 31–28   | N.Y. Fla. Ind.<br>Ill.Tex.N.Eng. | <u>.</u>                                                                    |                                |
| (II Lec.) *****                                           |                                  | <b>Chaleponotus</b> Csy. 92–444<br>17915. elusus Csy. 92–444                | Ind.                           |
| 88. coronatus Lec. 78–430<br>89. tuberosus Lec. 76–233    | Fla.<br>Md. S.C. Ill.            | Microhyus Lec. 76–237                                                       |                                |
| 90. anaglypticus (Say) 31–18                              | N.Eng.Fla.Ia.                    | 17916. setiger Lec. 76–238                                                  | Pa.D.C.Ga.                     |
| 91. obesus Fall 17–386                                    | Ga.                              |                                                                             | Ind.                           |
|                                                           | Crypton                          | hynchi                                                                      |                                |
| Euscepes Schön. 44-429                                    | ~~                               | Lembodes Schön. 44–436                                                      |                                |
| 17917. porcellus Boh. 44–430                              | Fla.                             | 17931. solitarius Boh. 44–437                                               | Guad. Fla.                     |
| longulus (Lec.) 76–244<br>18. sulcicollis (Lec.) 84–30    | Tex.                             | <sup>1</sup> Tylodes Schön. 26–294                                          |                                |
| 18. Suicicoms (Lec.) 84–30                                | I GA.                            | 17932. cladotrichis Pierce 12–169                                           | Tex.                           |
| Tyloderma Say 31-19                                       |                                  | Paracamptus Csy. 92–836                                                     |                                |
| (Analcis ‡ Horn 73–467)<br>(Tyloderma Csy. 92–448)        |                                  | 17933. subtropicus Csy. 95–837                                              | Fla                            |
| 17919. foveolata Say 31–19                                | N.Eng.Fla.                       | Canistes Csy. 92-447                                                        |                                |
| 20. morbillosa (Lec.) 57–58                               | Cal. [Neb.                       | 17934. schusteri Csy. 92–447                                                | Mo. Ky. O.                     |
| 21. angustula Csy. 92–451<br>22. contusa Csy. 92–452      | Tex.<br>Ark.                     | <sup>1</sup> Eurhoptus Lec. 76–245                                          |                                |
| 23. maculata Blatch. 16–491                               | Fla.                             | 17935. pyriformis Lec. 76–245                                               | Ill.Pa.Tex.                    |
| 24. fragariæ Riley 71–42                                  | N.J.D.C.Ill.                     | 1 Daniel de marie C-Lui, 27 000                                             | Colo.                          |
| 25. variegata (Horn) 73–468<br>a. rufescens Csy. 92–454   | MichFla.<br>Ind.                 | <sup>1</sup> <b>Pseudomus</b> Schön. 37–263<br>17936. truncatus Lec. 76–246 | S.C. Ga.                       |
| 26. baridia Lec. 76–249                                   | Tex. Fla.                        | 37. inflatus Lec. 84–31                                                     | Fla.                           |
| 27. subpubescens Csy. 92–45.                              | 5 Tex.                           | 38. sedentarius (Say) 31–30                                                 | Fla.                           |
| 28. aerea Say 31–29<br>a. nigra Csy. 84–56                | Can.Fla.Tex.<br>Ill. Ind.        | <sup>1</sup> Acalles Schön. 26–295                                          |                                |
| 29. punctata Csy. 84–57                                   | L.I.Fla.Ind.                     | 17939. carinatus Lec. 76–242                                                | N.J. N.C. Ill.                 |
| Micralcinus Lec. 76–235                                   |                                  | 40. costifer Lec. 84–30                                                     | Tex.                           |
| 17930. cribratus Lec. 76–236                              | Fla.                             | 41. inflatus Blatch. 16–500<br>42. granosus Lec. 76–243                     | Md.W.Va.<br>Fla. [Ind.         |
|                                                           |                                  |                                                                             | [******                        |

<sup>&</sup>lt;sup>1</sup> Genera so marked, with Pseudomopsis, constitute the subtribe, Tylodina (Pierce 12-160).

| Acalles Schön.                                |                  | Cryptorhynchus Ill.                                |                      |
|-----------------------------------------------|------------------|----------------------------------------------------|----------------------|
| 17943. sordidus Lec. 76–243                   | Pa. Tex.         | a. tessellatus Blatch. 16–509                      |                      |
| curtus Ham. 93–308                            | Pa.              | b. obliquefasciatus Boh. 45–3                      |                      |
| 44. indigens Fall 07–268                      | N.Mex.           | 15050 " 7 1 05 100                                 | N.C.                 |
| 45. porosus Blatch. 16–501                    | Ind.             | 17972. pumilus Boh. 37–122                         | Ont.Fla.Ind.         |
| 46. subhispidus Lec. 78–431                   | Fla.             | 73. fuscatus Lec. 76–251                           | Mich.Fla.            |
| 47. clavatus Say 31–29                        | Ill.D.C.Fla.     | 74 141\$ (T ) 40 501                               | Miss.                |
| ?scabrosus Mots. (Lec. 76                     |                  | 74. lapath (L.) 46–591                             | Sib. †Eur. Me.       |
| 48. crassulus Lec. 76–244                     | La.<br>Fla. D.C. |                                                    | Dak.D.C.N.J.<br>N.Y. |
| 49. sylvosus Blatch. 16–502                   | Fla. D.C.        | 75. obliquus Say 31–28                             | N.J. Va. La.         |
| 50. minimus Blatch. 16–502                    | Fla.             | umbrosus Boh. 37–116                               | IV.J. Va. La.        |
| 51. pectoralis Lec. 76–245                    | Ill.             | 76. hclvus Lec. 78–431                             | Fla.                 |
| 52. ventrosus Lec. 78–430                     | Fla.             | 77. brachialis Lec. 84–31                          | Tex.                 |
|                                               |                  | 78. lutosus Lec. 84–31                             | Fla.                 |
| Pseudoacalles Blatch. 16–504                  | TRI CLCI         | 79. lucanus Fall 09–168                            | L.Cal.               |
| 17953. nuchalis (Lec.) 76–244                 | Fla. S.C.        | 80. obtentus (Hbst.) 97–38                         | N.Y.Fla.La.          |
| <sup>1</sup> Gerstæckeria Champ. 05–470       |                  | ypsilon Boh. 37–100                                | N.C. [Ill.           |
| (Opuntiaphila Pierce 12-1                     | 61)              | 81. fallax Lec. 76–253                             | Ont.Fla.Tex.         |
| 17954. hubbardi (Lec.) 80–216                 | Fla. Ala.        | 82. minutissimus Lec. 76–254                       |                      |
| 55. dilatata (Csy.) 95–837                    | Fla.             | 83. apiculatus Gyll. 37–121                        | Fla.                 |
| (Gerstæckeria s. str.)                        |                  | 84. longus (Lec.) 76–248                           | Fla. Cuba            |
| 56. tessellata Pierce 12–162                  | Wy. Colo.        | 85. schwarzi Blatch. 16–514                        | Fla.                 |
| 57. profusa (Csy.) 92–446                     | Tex.             | tylodermoides Sz. mss.                             | NVDC                 |
| 58. bifasciata (Gerst.) 60–393                |                  | 86. tristis Lec. 76–255                            | N.Y.D.C.<br>Kan.     |
| 59. alternata Pierce 12-163                   | Ariz.            | 87. oblongus Lec. 76–256                           | N.J. Fla.Tex.        |
| (Philopuntia Pierce 12–163                    | 3)               | 88. lacteicollis Champ. 05–650                     |                      |
| 60. nobilis (Lec.) 76–241                     | Tex.             | oo. nectorcoms onamp. oo ooo                       | THIE. THEA.          |
| 61. basalis (Lec.) 76–241                     | Colo.Wy.Neb.     | Macromerus Schön. 26–284                           |                      |
| 62. porosa (Lec.) 76–242                      | Kan.Tex.Ariz.    | 17989. moestus (Lec.) 24–171                       | Ga.                  |
| 63. clathrata (Lec.) 76–242                   | Colo.Ariz.Tex.   | Zascelis Lec. 76–256                               |                      |
| 64. opuntiæ Pierce 12–165                     | Tex.             | 17990. serripes Lec. 76–257                        | L.Cal.               |
| 65. fasciata Pierce 12–166                    | Fla.             | 91. squamigera Lec. 76–257                         | L.Cal.               |
| 66. cactophaga Pierce 12–166                  | Tex.             | 92. irrorata Lec. 76–257                           | Cal.Nev.Colo.        |
| 67. turbida (Lec.) 76–242                     | Ariz.            | 93. oblonga Horn 95–256                            | Ariz. [Ariz.         |
| Apteromechus Faust 96–82                      |                  | -                                                  |                      |
| 17968. ferratus (Say) 31–28                   | N.Y.Mich.Fla.    | Coelosternus Schön. 26–284                         |                      |
|                                               |                  | (Leiomerus Boh. 44–266)                            | T (1)                |
| Micromastus Lec. 76–246                       | Cal              | 17994. hispidulus Lec. 76–258                      | L.Cal.               |
| 17969. gracilis (Boh.) 58–140                 | Cal.             | 95. granicollis Pierce 16–469                      | †Brazil, D.C.        |
| Cryptorhynchus Ill. 07–330                    |                  | Baropsis Lec. 76–258                               |                      |
| 17970. parochus (Hbst.) 97–55                 | Can.Fla.Ia.      | 17996. cribratus Lec. 76–259                       | Kan. Tex.            |
| 71. bisignatus Say 31–19                      | Can.Fla.Tex.     |                                                    |                      |
| luctuosus Boh. 37–146                         |                  | Liometophilus Fall 12–10                           | , ·                  |
| misellus Boh. 37–120                          |                  | 17997. manni Fall 12–10                            | Ariz.                |
|                                               | THECEST          | erninæ                                             |                      |
|                                               | (Byrso           | midæ)                                              |                      |
|                                               | Pierce           |                                                    |                      |
| Wheelestownia Corr 21 C                       | 1 16106          |                                                    |                      |
| Thecesternus Say 31–8 (Lithodus Germ. 34–420) |                  | Thecesternus Say<br>18003. maculosus Pierce 09–337 | Tex.                 |
| (Lunous Germ, 54-420)                         | m                | 04 11: 1 D' 00 220                                 | NI Man               |

| Thecesternus Say 31-8           |           | Thecesternus Say               |              |
|---------------------------------|-----------|--------------------------------|--------------|
| ( <i>Lithodus</i> Germ. 34–420) |           | 18003. maculosus Pierce 09–337 | Tex.         |
|                                 | Tex.      | 04. albidus Pierce 09–338      | N.Mex.       |
| 99. hirsutus Pierce 09–336      | Tex.      | 05. affinis Lec. 56–18         | Colo.Mo.Ind. |
| 18000. morbillosus Lec. 56–19   |           |                                | Ill.Tenn.Ky. |
| 01. longior Lec. 56–19          |           | rudis Lec. 56–18               |              |
| 02. humeralis (Say) 27–254      | Colo.Neb. | erosus Lec. 56–18              |              |
| rectus Lec. 56–18               |           |                                |              |

# COSSONINÆ

Horn 73; Casey 92; Van Dyke 15; Blatchley & Leng 16
ACAMPTINI

 Acamptus Lec. 76–238
 Acamptus Lec.

 18006. rigidus Lec. 76–239
 Ont.Fla.Tex.

 Acamptus Lec.
 18007. echinus Csy. 95–837

 Ariz. (Ohio?)

<sup>&</sup>lt;sup>1</sup> Genera so marked, with Pseudomopsis, constitute the subtribe, Tylodina (Pierce 12-160). † Introduced.

#### ANCHONINI

Anchonus Schön. 26–257

18008. floridanus Sz. 93–42

09. duryi Blatch. 16–521

Fla.

Typhloglymma Dury 01–243

Gononotus Lec. 76–336 18012. puteolatum Dury 01–243 Ohio 18010. angulicollis (Suffr.) 72–181 Fla. Cuba

#### DRYOPHTHORINI

Dryophthorus Schön. 26–332
18013. americanus Bedel 85–192 Can.Fla.Wis.
corticalis || Say 31–24
— bituberculatus (Fab.) 75–171
New Zealand

?Lymantides (Horn 73-434)

Lymantes Schön. 38–1085 18015. scrobicollis Gyll. 38–1086 "Amer.bor."

lutosus Lec. 76–337

#### Cossonini

Himatinum Ckll. 06–243 Cossonus Clairv. (*Himatium* || Woll. 68-451) 18016. crrans Lec. 76-427 18036. falli Champ. 09–55 sulcirostris || Fall 09–169 L.Cal. N.S.-Fla.-Ohio a. parvula Blatch. 16-527 Fla. b. nigritulum Csy. 92-691 Fla. Macrancylus Lec. 76–338 c. conicum Lec. 80–218 Conn.-Va. 18037. linearis Lec. 76–339 Fla.W.I. Trichacorynus Blatch. 16-528 Stenancylus Csy. 92-693 18017. brunneus Blatch. 16-528 Ind. 18038. colomboi Csy. 92-693 Fla. W.I. Carphonotus Csy. 92-694 Allomimus Lec. 76–339 Minn.Ont. 18018. testaceus Csy. 92-694 (?Stenomimus Woll. 73-480) N.H. Nfld. 18039. dubius Horn 73–442 Mich.Fla.Tex. Cossonus Clairv. 98-58 40. corticalis Boh. 45-284 N.C. Fla. (Van Dyke 15-16) politus Csy. 92–692 Tex. 18019. hamiltoni Slosson 99–193 Fla. 20. platalea Say 31–24 Can.Va.Ia. Stenomimus Woll. 73-480 bohemani Horn 73-438 18041. pallidus Boh. 45–279 Pa.O.Ind.Ill. 21. subareatus Boh. 45–266 Mich.-Kan. 22. pacificus VanD. 16-74 Cal. Caulophilus Woll. 54-315 23. piniphilus Boh. 38-1002 Cal.Or.Wash. 18042. latinasus (Say) 31–30 pinguis (Horn) 73–442 S.C.Fla.W.I. scrobiculatus Lec. 59-285 Ga. Fla. californicus Mots. 45–99 ?sculpturatus Woll. 54-315 Madeira 24. lupini VanD. 15-10 Cal. Fla.W.I 25. impressus Boh. 38–1019 Apotrepus Csy. 92–695 impressifrons ‡ Horn 73-440 [C.Am. 18043. densicollis Csy. 92-695 Ariz. 26. ponderosæ VanD. 15–13 Cal. 27. quadricollis VanD. 15–14 Cal. Mesites Schön. 38-1043 28. texanus VanD. 15–15 29. schwarzi VanD. 16–76 30. ellipticollis VanD. 15–17 Tex.18044. subcylindricus (Horn) 73-441 Ariz. Del.N.J.N.Y. Cal. 45. rufipennis Lec. 78–432 <sup>1</sup> Fla. Ga. 31. impressifrons Boh.38-1001 Can.Ga.Ariz. concinnus Boh. 38-1006 Elassoptes Horn 73-436 32. hubbardi Sz. 99–10 Ariz.(L.Cal.?) 33. fossicollis VanD. 16-78 18046. marinus Horn 73-436 Cal. So.Cal. Ariz. 34. crenatus Horn 73-440 Or.L.Cal. N.Mex.So.Cal. Nanus Schön. 44–89 Ariz. N.Y. Fla. (Homaloxenus Woll. 73-615) 35. corticola Say 31–24 uniformis Boh. 44–90  ${
m Porto}\,\,{
m Rico}_i$ dentipes Woll. 73-615 [Fla.? minor (Woll.) 73-627 [C.Am.

#### RHYNCOLINI

<sup>&</sup>lt;sup>1</sup> Lugger (Proc. Ent. Soc. Wash. I, p. 36) says this is only immature form of subcylindricus.

| Phlœophagus Schön.<br>18050. spadix (Hbst.) 95–256                                                                                                 | †Eur.N.Y.<br>N.J.                         | <b>Rhamphocolus</b> Csy. 92–702<br>18061. tenuis Csy. 92–703                                                                               | Tex.                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Tomolips Woll. 73-501<br>(Wollastonia    Horn 73-43<br>(Wollastoniella Ckll. 06-24<br>(Parahornia Ckll. 06-349)<br>18051. quercicola (Boh.) 45-281 | 3)<br> 3)<br>  N.Eng.Fla.<br>  Ind. C.Am. | Rhyncolus Germ. 24–307<br>18062. oregoncnsis Horn 73–445<br>63. pallens Csy. 92–703<br>64. spretus Csy. 92–704<br>65. angularis Lec. 58–81 | Or.Cal.Mich. N.J.N.C. So.Cal.Ariz. Cal. Cal. So.Cal. So.Cal. |
| Pseudopentarthrum Woll. 73-4<br>18052. simplex Csy. 92-697<br>53. robustum Csy. 92-697                                                             | Neb.Miss.Ind.<br>Tex.                     | 66. dilatatus Csy. 92–704<br>67. relictus Csy. 92–705<br>68. nimius Csy. 92–706                                                            | Cal.<br>N.Mex.<br>N.Mex.                                     |
| <b>Nyssonotus</b> Csy. 92–701<br>18054. seriatus Csy. 92–701                                                                                       | Tex.                                      | 69. discors Csy. 92–707<br>70. brunneus Mann. 43–295                                                                                       | Fla.<br>Alas.Can.N.Y.<br>Vanc.N.Mex.                         |
| Pentarthrinus Csy. 92–698<br>(? Amaurorhinus Fairm. 60<br>18055. nitens (Horn) 73–434                                                              | 0–629)<br>Fla.D.C.Ohio                    | 71. carinatus Blatch. 16–545<br>72. dorsalis Lec. 58–81                                                                                    | Ind.<br>So.Cal.                                              |
| 56. parvicollis Csy. 92–699 57. piceus Csy. 92–700                                                                                                 | Pa.Va.N.J.<br>N.Y.<br>Fla.Ind.Ohio        | <b>Stenoscelis</b> Woll. 61–141<br>18073. brevis (Boh.) 45–282                                                                             | Can.Fla.Kan.                                                 |
| 58. atrolucens Csy. 92–700<br>59. anonus Blatch. 16–543                                                                                            | Fla.<br>Fla.                              | Liolepta Blatch. 16–546<br>18074. stcnosoma Blatch. 16–546                                                                                 | Fla.                                                         |
| <b>Hexarthrum</b> Woll. 60–448 18060. ulkei Horn 73–446                                                                                            | N.Y.N.J.D.C.                              | Macrorhyncolus Woll. 73-33<br>18075. protractus (Horn) 73-444                                                                              | So.Cal.                                                      |
|                                                                                                                                                    | Hormo                                     | OPINI                                                                                                                                      |                                                              |

**Hormops** Lec. 76–321 18076. abducens Lec. 76–321

Fla. D.C.

# CALENDRINÆ

Horn 73; Chittenden 04, 05, 06

# Rhynchophorini

| Rhynchophorus Hbst. 95–3<br>18077. cruentatus (Fab.) 75–128 S.C.Fla.La.<br>a. zimmermanni Fåhr.45–219 S.C.Fla.La. | Rhynchophorus Hbst.<br>18078. palmarum (L.) 64-42 | C.Am.L.Cal |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------|
|                                                                                                                   |                                                   |            |

# Sphenophorini

| Scyphophorus Schön. 38-855        |              | Rhodobænus Lec.                |             |
|-----------------------------------|--------------|--------------------------------|-------------|
| 18079. acupunctatus Gyll. 38–857  |              | variabilis (Gyll.) 38–899      | Fla.        |
|                                   | Colo. Ariz.  | anceps (Gyll.) 38–894          | N.Am.       |
| asperulus Lec. 57–58              |              | leptocerus Panz 93–57          | N.Am.       |
| ?interstitialis Gyll. 38–858      | Haiti, Cuba  | 14-punctatus Voet 06-50        | N.Am.       |
| 80. robustior Horn 73–409         | Tex. So.Cal. | obscurus Voet 06-50            | N.Am.       |
| 81. yuccæ Horn 73–410             | So.Cal.      | maculatus Sturm 26–106         | N.C.        |
|                                   |              | implicatus Gyll. 38–901        | Mex.        |
| Metamasius Horn 73–410            | ~ ~ .        | lebasi Gyll. 38–902            | S.Am.       |
| 18082. sericeus (Latr.) 11–206    | So.Cal.C.Am. | a. pulchellus (Schön.) 38–898  | }           |
| 7                                 |              | b. quinquepunctatus (Say) 24   |             |
| Eucactophagus Champ. 10-96        | ve.          |                                | N.C. Fla.   |
| 18083. graphipterus Champ. 10-9   |              | 18088. pustulosus Gyll. 38-923 | Ariz.N.Mex. |
| 04 ' ' ' ' ' D   17 01            | †C.Am.Conn.  | •                              | Fla.        |
| 84. weissi Barber 17–21           | †S.Am.? N.J. | G-1                            |             |
| Cactophagus Lec. 76–331           |              | Sphenophorus Schön. 38–874     |             |
| 18085. validus (Lec.) 58–80       | So.Cal.Ariz. | A                              |             |
| procerus (Lec.) 58–80             | So.Cai.Miz.  | 18089. simplex Lec. 59-70      | So.Cal. Ut. |
| 86. subnitens Csy. 92–685         | Ariz.        | 90. mormon Chitt. 04-128       | UtWash.     |
| 80. Sublittens Csy. 92-000        | MIZ.         | 91. distichlidis Chitt. 04–130 | Cal.        |
| Rhodobænus Lec. 76-332            |              | 92. vomerinus Lec. 58-81       | Colo.Ariz.  |
| 18087. tredecimpunctatus (Ill.) 9 | 1–613        | 021 (121021222 2001 00 02      | So.Cal.     |
| 1600 Caree Management (2007)      | U.S.So.Cal.  | 93. graminis Chitt. 06–168     | UtOr.       |
| eribrarius (Oliv.) 95–88          | N.C. [Ariz.  | 94. subopacus Chitt. 06–169    | Cal.        |
| Crinturus (Onv.) 00 00            | 11101        | ou basopacas cinea do 100      | Cur.        |

<sup>†</sup> Introduced.

|        | 1 0.1 -                                         |                             | Chhananharus Cahan                                         |                             |
|--------|-------------------------------------------------|-----------------------------|------------------------------------------------------------|-----------------------------|
|        | ophorus Schön<br>monterensis Chitt. 06–169      | Càl.                        | Sphenophorus Schön.<br>18126. retusus Gyll. 38–549         | Mass. Fla.                  |
|        | nevadensis Chitt. 06–172                        | Cal. Nev.                   | 27. arizonensis Horn 73–428                                | Ariz.                       |
|        | baridioides Horn 73–413                         | Cal.                        | 28. falli Chitt. 06–172                                    | N.Mex.                      |
| 98.    | ulkei Horn 73–413                               | Neb.Wy.                     | 29. gagatinus Gyll. 38–952<br>?necydaloides (Fab.) 01–43   | N.J. Ga.                    |
|        | *                                               | N.Mex.                      | 30. tardus Fall 01–269                                     | So.Cal.                     |
| 99.    | diversus Chitt. 06–170                          | Cal. Wash.                  | 31. destructor Chitt. 06–174                               | N.J.Ind.Tex.                |
|        | subulatus Chitt. 06–173                         | N.Mex.                      | 32. zeæ Walsh 67–117                                       | N.Eng.Fla.                  |
|        | **                                              |                             | 00 ' II #0.404                                             | Mich. Kan.                  |
| 01.    | inæqualis (Say) 31–23                           | N.Y.Fla.Tex.                | 33. scoparius Horn 73–424<br>34. blanchardi Chitt. 06–179  | Wis.Kan.Neb. Tex.           |
|        | contractus Gyll. 38–953                         |                             | 35. callosus (Oliv.) 07–92                                 | Me.Fla.Wis.                 |
|        | В                                               |                             | sculptilis ‡ Horn 73–424                                   | [Ariz.                      |
| 02.    | ecquario e j                                    | N.Y.D.C.                    | a. sublævis Chitt. 06–176                                  | Ind.Wis.Mo.                 |
| 02     | ochreus Lec. 58–80                              | Dak.<br>Ariz.Ut.Mex.        | 36. melanocephalus (Fab.) 01-                              |                             |
|        | discolor Mann. 43–293                           | Cal.                        |                                                            | N.Eng.Ga.<br>Mich. Kan.     |
|        | pictus Lec. 58–80                               | Cal. So.Cal.                | nubilus Gyll. 38–938                                       | Wilcir. Ixair.              |
| 06.    | latinasus Horn 73–421                           | Ga.                         | 37. sayi Gyll. 38–943                                      | (So.Cal.?)N.J.              |
| 07.    | striatipennis Chitt. 06–180                     | Ind.Mich.Cal.               | 25 42 26                                                   | Ga. Ill.                    |
|        | C.                                              | Tex.                        | 38. subcarinatus Mann. 43–29                               |                             |
| 08     | pertinax (Oliv.) 07–83                          | Can.Fla.Ut.                 |                                                            | Alas.Cal. (Ind.?)           |
| 00.    | truncatus (Say) 31–22                           | [So.Cal.                    | 39. apicalis Lec. 78–432                                   | Fla. N.J.                   |
|        | ?canaliculatus Boh. 45-253                      | 3                           | 40. pontederiæ Chitt. 05–63                                | N.J.Fla.Tex.                |
|        | ?interstitialis (Say) 31–21                     | т .                         | 41. venatus (Say) 31–22                                    | Me. Wis.                    |
| a.     | australis Chitt. 05–53                          | La. Ariz.<br>So.Cal. Nev.   | placidus (Say) 31–23                                       | (So.Cal.?)                  |
| <br>90 | typhæ Chitt. 05–53<br>abrasus Chitt. 05–54      | Cal.                        | rectus (Say) 31–23<br>immunis (Say) 31–23                  |                             |
| 10.    | setiger Chitt. 05–55                            | Vt.Dak.Tex.                 | confusus Gyll. 38–944                                      |                             |
| 11.    | ludovicianus Chitt. 05–55                       | La. Tex.                    | fallax Boh. 45–256                                         |                             |
| 12.    | peninsularis Chitt. 05-56                       | Fla.                        | 42. confluens Chitt. 04–133                                | Or.                         |
|        | robustus Horn 73–419                            | Ill.Minn.Cal.<br>No.St.Can. | 43. vestitus Chitt. 04–134                                 | Ga.FlaLa.                   |
| 14.    | costipennis Horn 73–420                         | Wash.                       | 44. neomexicanus Chitt.04–13                               | N.Mex.                      |
|        | villosiventris Chitt. 05–58                     | Mass. Va.                   | 45. phoeniciensis Chitt. 04–13.                            |                             |
|        | laevigatus Chitt. 05–58                         | Ut.                         |                                                            | Ariz. Cal.                  |
| 17.    | maidis Chitt. 05–59                             | S.C.Ala.Kan.<br>Tex.        | 46. reticulaticollis Boh. 45–247                           |                             |
| 18.    | velutinus Lec. 76–424                           | Fla. La.                    | 47. coactorum Chitt. 04–136<br>48. cultellatus Horn 73–429 | Tex.<br>Kan. Tex.           |
|        | soltaui Chitt. 06–178                           | Pa.Colo.Tex.                | 49. compressirostris (Say) 23–                             |                             |
| 20.    | cariosus (Oliv.) 07–91                          | N.Eng. Fla.                 |                                                            | Kan. Tex.                   |
|        | sculptilis Uhler 55–416                         |                             | cultirostris Gyll. 38–951                                  | T31- T7- (T)                |
|        | callosus ‡ Lec. Horn<br>larvalis (Germ.) 24–301 |                             | 50. germari Horn 73–430<br>compressirostris ‡ Germ. 2      | Fla.Kan.Tex.                |
|        | cicatricosus (Say) 31–22                        |                             | 51. incongruus Chitt. 05–61                                | Wis.Md.Ind.                 |
|        | flexuosus Gyll. 38–940                          |                             | 52. robustior Chitt. 05–62                                 | Ill.                        |
|        | D.                                              |                             | 53. pumilus Schön. 38–960                                  | ?                           |
|        | gentilis Lec. 57–58                             | Cal. So.Cal.                | 54. variolosus Lec. 76–424<br>55. oblitus Lec. 76–425      | Colo.<br>Tex.               |
| 22.    | parvulus Gyll. 38–961                           | N.Eng.Fla.<br>Mich. Tex.    | — fasciatus (Fab.) 98–398                                  | not N.Am.                   |
| 23.    | minimus Hart 90-65                              | N.Y.Fla.Ill.                | , ,                                                        |                             |
|        | marinus Chitt. 06–166                           | N.J. [Tex.                  | Trichischius Lec. 76-426                                   |                             |
| 25.    | chittendeni Blatch.16–565                       | Fla.                        | 18156. crenatus Lec. 76–426                                | Colo.                       |
|        |                                                 | C                           |                                                            |                             |
| Color  | lra Clairv. 98–62                               | Calen                       | Calendra Clairv.                                           |                             |
| Calend | (Calandra ‡ auct.)                              |                             | 18158. linearis (Hbst.) 97–5                               | †W.I.Atl.St.                |
|        | (Sitophilus Schön. 38–979)                      |                             | 59. oryzæ (L.) 63–395                                      | †Eur.U.S.                   |
| 18157. | granaria (L.) 58–378                            | †Eur.Can.                   | · • • • • • • • • • • • • • • • • • • •                    | So.Cal. Alas.               |
|        | remotenumetate (Cyll ) 20                       | Ariz. So.Cal.               | a. zea-mais Mots. 55–77<br>60. rugicollis Csy. 92–687      | †S.Am.Fla.<br>So.Fla. [Tex. |
|        | remotepunctata (Gyll.) 38                       |                             |                                                            | Dorra. [16X.                |
|        | . VI -20 000                                    | RHI                         |                                                            |                             |
|        | borus Lec. 76–333<br>frontalis (Lec.) 74–70     | So.Cal.                     | Yuccaborus Lec.<br>18163. lentiginosus Csy. 04–323         | Tex.                        |
|        | frontalis (Lec.) 74–70<br>grossus Csy. 92–689   | Ariz. Tex.                  | 10100. lentiginosus Osy. 04-020                            | ICA.                        |
| 02.    | 5.35040 003.02 000                              | † Inter                     | oduced                                                     |                             |

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| Platypus Hbst. 93-128            |              | Platypus Hbst.                            |       |
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| (Cylindra III. 25–87)            |              | rugosus Chap. 66–176                      |       |
| 18164. flavicornis (Fab.) 76–212 | N.J.Fla.Mcx. | ?parallelus (Fab.) 01–384                 |       |
| bidentatus Dej. 37–333           |              | 18167. punctulatus Chap. 66–199 †L.I.Tex. |       |
| a. disciporus Chap. 66–219       |              | C.Am.                                     |       |
| 65. quadridentatus(Oliv.)95-3    | W.Va.Fla.    | rugulosus Chap. 66–192 L.Cal.C.A          | lm.   |
| blanchardi Chap. 66–185          | [Tex.        | reticulatus Chap. 66–194                  |       |
| 66. compositus Say 28–324        | Del. Fla.    | emarginatus Chap. 66–199                  |       |
| tremiferus Chap. 66–176          | Ill. Tex.    | 68. wilsoni Sw. 15–48 B.C.Wash            | ı.Or. |
| nerfossus Chan 66–176            |              |                                           |       |

# . SCOLYTIDÆ

(Ipida auct.)

# SCOLYTINÆ

|                                                                                                                                                                                                                                     | (Eccoptog                                                                  | asterina)                                                                                                                                                                                                                                              |                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                     | Scor                                                                       | YTINI                                                                                                                                                                                                                                                  |                                                                                         |
| Scolytus Geoff. 62–309 (Eccoptogaster Hbst. 93–12) (Coptogaster Ill. 07–321) 18169. quadrispinosus Say 24–323 caryæ Riley 67– 70. muticus Say 24–323 71. rugulosus Ratz. 37–187 72. fagi Walsh 67–38 73. multistriatus (Marsh.) 02- | 3<br>E.U.S. Que.<br>Ga.Mo.Ut.<br>N.J.Ind.Mo.<br>†Eur.Can.Tex.<br>Ill. Tex. | Scolytus Geoff. 18174. piceæ (Sw.) 10–34 75. unispinosus Lec. 76–371 76. californicus Lec. 68–165 77. tsugæ (Sw.) 17–32 78. monticolæ (Sw.) 17–32 79. sulcatus Lec. 68–167 80. præceps Lec. 76–371 81. ventralis Lec. 68–167 82. subscaber Lec. 76–371 | Que. Ind. B.C. N.Mex. Cal. N.Mex. B.C. Alb. B.C. N.Y. Cal.Id.N.Mex Vanc. Wash. Cal. Ut. |
| Camptocerini                                                                                                                                                                                                                        |                                                                            | Hexacolini                                                                                                                                                                                                                                             |                                                                                         |
| <b>Loganius</b> Chap. 69–52<br>18183. ficus Sz. 94–44                                                                                                                                                                               | Fla.                                                                       | Erineophilus Hopk. 02-34<br>18184. schwarzi Hopk. 02-34                                                                                                                                                                                                | Fla.                                                                                    |
|                                                                                                                                                                                                                                     | Вотнгоз                                                                    | TERNINI                                                                                                                                                                                                                                                |                                                                                         |
| Bothrosternus Eich. 68–150<br>18185. hubbardi Sz. 86–54<br>Cnesinus Lec. 68–171<br>(Nemophilus Chap. 69–27)                                                                                                                         | Fla.                                                                       | Cnesinus Lec.<br>18186. strigicollis Lec. 68-171<br>strigillatus (Chap.) 69-27<br>Pagiocerus Eich. 68-148<br>18187. rimosus Eich. 68-148                                                                                                               | N.J. Fla.<br>Mich. Tex.<br>Fla. Cuba                                                    |
|                                                                                                                                                                                                                                     | HYLES                                                                      | ININD                                                                                                                                                                                                                                                  |                                                                                         |
|                                                                                                                                                                                                                                     |                                                                            | URGINI <sup>2</sup>                                                                                                                                                                                                                                    |                                                                                         |
|                                                                                                                                                                                                                                     | CRIPI                                                                      | JIIGINI                                                                                                                                                                                                                                                |                                                                                         |

| Crypturgus Er. 36-60      |            | Crypturgus Er.             |            |
|---------------------------|------------|----------------------------|------------|
| 18188. atomus Lec. 68–152 | N.S.L.Sup. | 18189. alutaceus Sz. 93-17 | N.J. Fla.  |
|                           | W.Va.      | 90. borcalis Sw. 17-7      | B.C. Colo. |

<sup>&</sup>lt;sup>1</sup> Prepared with the assistance of Mr. J. M. Swaine.

<sup>&</sup>lt;sup>2</sup> The division here given of subfamilies Hylesininæ and Ipinæ into tribes is subject to further revision and does not represent Mr. Swaine's personal opinion. In the present state of our knowledge he would prefer no such division.

<sup>†</sup> Introduced.

| Crypturgus Er.                              |                | Carphoborus Eich.                 |                 |
|---------------------------------------------|----------------|-----------------------------------|-----------------|
| 18191. corrugatus Sw. 17-8                  | Pa.            | 18196. bicristatus Chap. 69–97    | Ga.             |
|                                             |                | 97. bifurcus Eich. 68–147         | N.J. Fla. Tenn. |
| Dolurgus Eich. 68-147                       |                | 98. simplex Lcc. 76–383           | Cal. So.Cal.    |
| 18192. pumilus (Mann.) 43–297               | Alas. Or.      | 99. radiatæ Sw. 18–56             | Cal.            |
|                                             |                | _                                 |                 |
| Polygraphus Er. 36–57                       |                | Pseudocryphalus Sw. 17–20         |                 |
| (Lepisomus Kby. 37–193)                     |                | 18200. brittaini Sw. 17–20        | B.C.            |
| 18193. rufipennis (Kby.) 37–193             | Alas. Can.     | 01. criddlei Sw. 17–21            | Man.            |
| nigriceps (Kby.) 37–194                     | Nfld. [No.U.S. |                                   |                 |
| ?brevicornis (Kby.) 37–19                   | 4 H.В.Т.       | Chramesus Lec. 68–168             |                 |
| saginatus Mann. 53–237                      | Alas.          | (Rhopalopleurus Chap. 69          |                 |
|                                             |                | 18202. hicoriæ Lec. 68–168        | E.Can.E.U.S.    |
| Renocis Csy. 86–257                         | <b>N</b> T     | lecontei (Chap.) 69–103           | _               |
| 18194. heterodoxus Csy. 86–258              | Nev.           | a. chapuisi Lec. 76–375           | La.             |
|                                             |                | 03. asperatus Schffr. 08–220      | Ariz.           |
| Carphoborus Eich. 64–27                     | A 31 - 75 //   | 04. dentatus Schffr. 08–221       | Ariz.           |
| 18195. carri Sw. 17–16                      | Alb. Man.      | 05. subopacus Schffr. 08–221      | Ariz.           |
|                                             |                |                                   |                 |
|                                             | Phlæotribini A | AND HYLESININI                    |                 |
| Phthorophlœus Rey 83-128                    |                | Phlœosinus Chap.                  |                 |
| $(Phlxophthorus \ddagger auct. new 25-125)$ | c Woll 54-299) | 18235. punctatus Lec. 76–381      | B.C. W.U.S.     |
| $(Phlxotribus \ddagger auct. nee$           | Latr. 96–50)   | 36. vandykei Sw. 15–365           | Cal. [Colo.     |
| 18206. liminaris (Harr.) 52–78              | Can. Tenn.     | 37. canadensis Sw. 17–18          | Que. E.U.S.     |
| 07. frontalis (Oliv.) 95–78                 | Pa. Fla. Ia.   | 38. dentatus (Say) 25–258         | E. & So. U.S.   |
| granicollis (Eich.) 68–149                  | 1 4. 1 14. 14. | ?graniger (Eich.) 68–147          | Tex.            |
| 08. puberulus (Lec.) 79–519                 | Colo.          | ?haagi (Eich.) 68–148             | Am. bor.        |
| 09. piceæ Sw. 11–220                        | Que. Ont.      | 39. serratus (Lec.) 68–170        | N.Y.            |
| 10. scabricollis (Hopk.) 16–656             |                | 40. utahensis Sw. 15–362          | Ut.             |
| 11. texanus (Schffr.) 08–222                | Tex.           | 41. cupressi Hopk. 03–35          | Cal.            |
| 11. texanus (Schiff.) 00-222                | ICA.           | 42. cristatus Lec. 68–170         | Cal.            |
| Dendroctonus Er. 36-52 (Hopk.               | 00)            | 43. sequoiæ Hopk. 03–33           | B.C. Cal.       |
| 18212. brevicomis Lec. 76–386               | B.C.Cal.Mont.  | 44. rugosus Sw. 17–9              | Cal.            |
| frontalis ‡ Dz. 90–32                       | D.C.Cai.mont.  | 45. juniperi Sw. 17–10            | Cal.            |
| 13. barberi Hopk. 09–85                     | Colo.Ut.       | 49. Jumpen 5w. 17-10              | Car.            |
| 10. barberi Hopa. 00 co                     | N.Mex.         | Chætophlœus Lec. 76-382           |                 |
| frontalis ‡ Dz. 90–32                       | Ariz. So.Cal.? | 18246. hystrix (Lec.) 58–81       | Cal. So.Cal.    |
| 14. convexifrons Hopk. 09–87                |                | -0-101 Ljbbiii (2001) 00 01       | can co.can      |
| approximatus Dz. 90–31 (                    |                | Leperisinus Reitt. 13-41          |                 |
| ирргогини и и и                             | N.Mex.         | (Hylesinus ‡ auct. nec Fal        | b. 01–390)      |
| 15. frontalis Zimm. 68–149                  | N.J. Fla. Tex. | (Pteleobius ‡ auct. nec Bed       |                 |
| destructor Hopk. 02–21                      |                | 18247. fasciatus (Lec.) 68-170    | N.Y.D.Ć.Ind.    |
| 16. arizonicus Hopk. 09–95                  | Ariz.          | 48. imperialis (Eich.) 68–149     | Wis. Ariz.      |
| 17. approximatus Dz. 90–31                  | ArizColo.      | 49. californicus Sw. 16–190       | Cal.            |
| 18. monticolæ Hopk. 09–105                  | B.C.Cal.Wy.    | 50. cinereus Sw. 17–15            | Que. Mass.      |
| 19. ponderosæ Hopk. 09–109                  | Ariz. Wy.      | 51. pruinosus (Eich.) 68–149      | Pa. Mich.       |
| 20. jeffreyi Hopk. 09–114                   | Cal.           |                                   | Tenn.           |
| 21. simplex Lec. 68–173                     | Alas.Me.       | 52. aculeatus (Say) 23–322        | N.S. E.Can.     |
|                                             | W.Va.Can.      | , •                               | E.U.S.          |
| 22. pseudotsugæ Hopk.09–121                 | Vanc.N.Mex.    | 53. criddlei Sw. 18–92            | Que. Man.       |
| 23. piceaperda Hopk. 09–126                 |                | Science I of 70 200               |                 |
| rufipennis ‡ auct. nec Kby                  | 7. [Pa.        | Scierus Lec. 76–390               | T3 C1 7 M       |
| 24. engelmanni Hopk. 09–130                 | B.C. Ariz.     | 18254. annectens Lec. 76–390      | E.Can.Me.       |
| 25. borealis Hopk. 09–123                   | Alas. Alb.B.C. | Hylogtimus Dadal 00, 200          | Vanc.           |
|                                             | Lab.?          | Hylastinus Bedcl 88–388           | 4T) (7 T )      |
| 26. obesus (Mann.) 43–296                   | Alas. Or.      | 18255. obscurus (Marsh.) 02–57    | †Eur.Can.Ind.   |
| similis Lec. 60–59                          | 0 70.7         | trifolii (Müller) 07–47           | [Pa.            |
| 27. rufipennis (Kby.) 37–195                | Can. Mich.     | Alniphagus Sw. 18-73              |                 |
| 28. murrayanæ Hopk. 09–140                  |                | 18256. aspericollis (Lec.) 76–379 | B.C. So.Cal.    |
| 29. punctatus Lec. 68–173                   | Pa. [B.C.      | (2007) 10 970                     | 23.0.00.0ai.    |
| 30. tercbrans (Oliv.) 95–6                  | Fla. Tex.      | Hylurgopinus Sw. 18–74            |                 |
| 31. valens Lec. 60–59                       | Can.U.S.       | 18257. rufipes (Eich.) 68–147     | Can. Va. Ind.   |
| District Cl. 00 97                          |                | opaculus (Lec.) 68–170            |                 |
| Phleosinus Chap. 69–37                      | Man            | Droudob-lesis C 17 11             |                 |
| 18232. pini Sw. 15–361                      | Man.           | Pseudohylesinus Sw. 17-11         | D C C l         |
| 33. hoppingi Sw. 15–364                     | Cal.           | 18258. granulatus (Lec.) 68–175   | B.C. Cal.       |
| 34. minutus Sw. 17–9                        | Cal.           | 59. nobilis Sw. 17–12             | Or.             |

| Pseudohylesinus Sw. 18260. tsugæ Sw. 17-11 61. obesus Sw. 17-15 62. sitchensis Sw. 17-12 63. grandis Sw. 17-13 64. scriccus (Mann.) 43-296 65. nebulosus (Lec.) 59-285  Hylurgops Lec. 76-389 18266. grandicollis Sw. 17-17 67. pinifex (Fitch) 51-43 68. rugipennis(Mann.)43-297 69. knausi Sw. 17-17 70. porosus (Lec.) 68-175 71. lecontei Sw. 17-16 | B.C. B.C. B.C. B.C. Cal. Id. Alas. [Colo. B.C. Cal.  N.Mex. Cal. E.U.S. Can. Alas.Ariz.B.C. N.Mex. B.C. Nev. Ut. B.C. N.Mex. | Hylastes Er. 18274. scaber Sw. 17–18 75. asper Sw. 17–19 76. porculus Er. 36–49  carbonarius Fitch 51–730 cavernosus Zimm. 68–149 granosus Chap. 69–73 77. scobinosus Eich. 68–148 78. nigrinus (Mann.) 52–356. 79. nitidus Sw. 17–19 80. longus Lec. 76–388 81. macer Lec. 68–175 82. ruber Sw. 15–366 | D.C.Va.Tenn. Colo. Me.Fla. E.Can. Mich. Colo.  ? Alas. So.Cal. N.Mex. Colo. So.Cal. B.C. So.Cal. B.C. [Neb. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 72. subcostulatus (Mann.) 53  alternans (Chap.) 69-22  — cristatus (Mann.) 53-239  Hylastes Er. 36-47                                                                                                                                                                                                                                                   | 3–239<br>Alas. N. Mex.<br>[B.C.                                                                                              | 83. gracilis Lec. 68–174 84. longicollis Sw. 18–79 85. tenuis Eich. 68–147 86. exilis Chap. 69–76  Tomicus Latr. 02–203                                                                                                                                                                                 | Cal. Ariz.<br>Id.<br>Fla. Tex.<br>Fla.                                                                      |
| (Tomicus Latr. Sw. 09-14<br>18273. salebrosus Eich. 68-146<br>porculus ‡ Lec. 76-389<br>scabripennis Zimm. 68-14                                                                                                                                                                                                                                        | E.U.S. Can.                                                                                                                  | (Myelophilus Eich. 78–400<br>(Blastophagus    Eich. 64–2<br>18287. piniperda (L.) 58–563<br>analogus (Lec.) 68–172                                                                                                                                                                                      |                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                         | MICRA                                                                                                                        | CINÆ                                                                                                                                                                                                                                                                                                    |                                                                                                             |
| Micracis Lec. 68–164<br>18288. suturalis Lec. 68–165<br>aculeatus Lec. 68–165                                                                                                                                                                                                                                                                           | Mass. Mich.<br>Va. La.                                                                                                       | Micracis Lec. 18293. hirtellus Lec. 76–368                                                                                                                                                                                                                                                              | Cal. So.Cal.                                                                                                |
| 89. nanula Lec. 76–368<br>90. rudis Lec. 76–368                                                                                                                                                                                                                                                                                                         | Fla.<br>D.C. Ind.<br>Mich.                                                                                                   | <b>Thysanoes</b> Lec. 76–369<br>18294. fimbricornis Lec. 76–370<br>95. rigidus (Lec.) 76–362                                                                                                                                                                                                            | D.C. Pa. N.J.<br>Can. Mich.                                                                                 |
| 91. opacicollis Lec. 78–625<br>92. asperulus Lec. 78–626                                                                                                                                                                                                                                                                                                | D.C. N.Y.<br>Mich.<br>Va. Pa. Mich.                                                                                          | <b>Cactopinus</b> Sz. 99–11<br>18296. hubbardi Sz. 99–11                                                                                                                                                                                                                                                | Ariz.                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                         | IPIN                                                                                                                         |                                                                                                                                                                                                                                                                                                         |                                                                                                             |
| 77' 1 00 010                                                                                                                                                                                                                                                                                                                                            | Совтну                                                                                                                       |                                                                                                                                                                                                                                                                                                         |                                                                                                             |
| Monarthrum Kirsch 66–213<br>(Pterocyclon Eich. 68–276)<br>18297. scutellare (Lec.) 60–59<br>cavus (Lec.) 68–153<br>98. fasciatum (Say) 25–255<br>simile (Eich.) 68–277<br>a. gracile (Eich.) 78–444<br>99. mali (Fitch) 55–5<br>longulum (Eich.) 68–278                                                                                                 | Cal. So.Cal. Can. Fla. Pa.N.C.Tenn. Can. Fla.                                                                                |                                                                                                                                                                                                                                                                                                         |                                                                                                             |
| 18300. dentiger (Lec.) 68–154                                                                                                                                                                                                                                                                                                                           | Cal. So.Cal.                                                                                                                 |                                                                                                                                                                                                                                                                                                         | E.U.S.<br>N.Mex.?                                                                                           |
| (Morizus Ferr. 67–59)<br>18301 punctatissimus (Zimm.) 6<br>02. columbianus Hopk.94–313                                                                                                                                                                                                                                                                  | E.&W.St.                                                                                                                     |                                                                                                                                                                                                                                                                                                         | Alb. Sask.<br>Ont.Man.<br>H.B.T.<br>B.C. Or. Cal.                                                           |
| 03. spinifer Sz. 91–114                                                                                                                                                                                                                                                                                                                                 | Fla. [Va.                                                                                                                    |                                                                                                                                                                                                                                                                                                         |                                                                                                             |
| <b>Xyloterinus</b> Sw. 18–83                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |                                                                                                                                                                                                                                                                                                         |                                                                                                             |
| 18304. politus (Say) 28–256<br>?unicolor (Eich.) 71–136                                                                                                                                                                                                                                                                                                 | E.U.S. E.Can.                                                                                                                |                                                                                                                                                                                                                                                                                                         |                                                                                                             |
| ?unicolor (Eich.) 71–136                                                                                                                                                                                                                                                                                                                                | Скурна                                                                                                                       |                                                                                                                                                                                                                                                                                                         |                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                         | Скурна                                                                                                                       | Hypothenemus Westw. IIA.                                                                                                                                                                                                                                                                                | W Vo N L                                                                                                    |
| ?unicolor (Eich.) 71–136  Cosmoderes Eich. 79–495                                                                                                                                                                                                                                                                                                       | Скурна                                                                                                                       | Hypothenemus Westw. IIA. 18316. atomus Hopk. 15–15 17. impressifrons Hopk. 15–15 18. marylandicæ Hopk. 15–15                                                                                                                                                                                            | S.C.                                                                                                        |
| ?unicolor (Eich.) 71–136  Cosmoderes Eich. 79–495 18313. schwarzi Hopk. 15–11  Trischidias Hopk. 15–12                                                                                                                                                                                                                                                  | Спурна<br>Fla.                                                                                                               | Hypothenemus Westw. IIA. 18316. atomus Hopk. 15–15 17. impressifrons Hopk. 15–15 18. marylandicæ Hopk. 15–15 19. robiniæ Hopk. 15–15 20. toxicodendri Hopk. 15–15 IIB.                                                                                                                                  | W.Va.<br>S.C.<br>Md.                                                                                        |

340 Scolytidæ

| Hypothenemus Westw.                                                                                                 |                     | Stephanoderes Eich.                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| 18322. pruni Hopk. 15–16                                                                                            | N.C.                | 18367. dissimilis (Zimm.) 68–144                                                                                                                                             | N.C. Ga.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 23. rumseyi Hopk. 15–16                                                                                             | W.Va.               | , ,                                                                                                                                                                          | L.Sup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 24. asiminæ Hopk. 15–16                                                                                             | Md.                 | Cryphalus Er. 36-61                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25. hamamelidis Hopk. 15–16                                                                                         | W.Va. N.J.          | 18368. pubescens Hopk. 15-40                                                                                                                                                 | Wash.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ruficollis Hopk, mss.                                                                                               | T 1                 | 69. subconcentralis Hopk. 15-                                                                                                                                                | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 26. thoracicus Hopk. 16–598                                                                                         | Ind.                | ·                                                                                                                                                                            | B.C.Vanc.Or.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 27. columbi Hopk. 15–18                                                                                             | Tex.                | 70. rubentis Hopk. 15–40                                                                                                                                                     | W.Va. Pa.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 28. rufopalliatus Hopk. 15–18                                                                                       |                     | 71. ruficollis Hopk. 15–40                                                                                                                                                   | Ut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 29. punctifrons Hopk. 15–18<br>?eruditus ‡ auct. nec West                                                           |                     | 72. fraseri Hopk. 15–40                                                                                                                                                      | N.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 30. californicus Hopk. 15–19                                                                                        | Cal.                | 73. canadensis Chamb. 18–88                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 31. tritici Hopk. 15–19                                                                                             | Tex.                | 74. grandis Chamb. 17–323                                                                                                                                                    | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 32. subclongatus Hopk. 15–19                                                                                        |                     | 75. amabilis Chamb. 17–321<br>76. approximatus Hopk. 15–41                                                                                                                   | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 33. nigripennis Hopk. 15–19                                                                                         | La.                 | 76. approximatus Hopk. 13–41 77. balsameus Hopk. 15–41                                                                                                                       | E.U.S. Can.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 34. pubescens Hopk. 15–19                                                                                           | Fla.                | - terminalis (Mann.)43-298                                                                                                                                                   | and the second s |
| 35. sparsus Hopk. 15–20                                                                                             | Tex.                | 200                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 36. similis Hopk. 15–20                                                                                             | Tex.                | Ernoporides Hopk. 15-34                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 37. striatus (Lec.) 68–156                                                                                          | Cal. So.Cal.        | 18378. floridensis Hopk. 15–34                                                                                                                                               | Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| g, 1 1 D' 1 100                                                                                                     |                     | ·                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stephanoderes Eich. 71–132                                                                                          | 100)                | Letznerella Reitt. 13-68                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| (Homæcryphalus Lind. 76                                                                                             | -108)<br>W.Va.      | (Coccotrypes ‡ auct. nec Ei                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 18338. evonymi Hopk. 15–26<br>39. seriatus Eich. 71–133                                                             | La.                 | 18379. jalappæ (Letzn.) 44–99                                                                                                                                                | †Eur.Mex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 40. georgiæ Hopk. 15–26                                                                                             | Ga.                 |                                                                                                                                                                              | U.S.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 41. texanus Hopk. 15–26                                                                                             | Tex.                | Ernoporus Thoms. 59–147                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 42. lecontei Hopk. 15–27                                                                                            | W.Va.               | 18380. kanawhæ Hopk. 15–35                                                                                                                                                   | W.Va.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 43. pini Hopk. 15–27                                                                                                | W.Va.               | T' 1 TO 000                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 44. salicis Ĥopk. 15–27                                                                                             | W.Va.               | Coccotrypes Eich. 79–308                                                                                                                                                     | O 1 (TT O 9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 45. floridensis Hopk. 15–27                                                                                         | Fla.                | 18381. robustus (Eich.) 71–131                                                                                                                                               | Cuba (U.S.?)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 46. ficus Hopk. 15–28                                                                                               | Ala.                | 82. pygmæus (Eich.) 78–310                                                                                                                                                   | Fla.<br>D.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 47. soltaui Hopk. 15–28                                                                                             | La.                 | 83. ·bassiævorus Hopk. 15–47<br>84. dactyliperda (Fab.) 01–387                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 48. interstitialis Hopk. 15–28                                                                                      | Tex.                | or daetynperda (1 ab.) or so                                                                                                                                                 | †Asia, D.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 49. interpunctus Hopk. 15–28                                                                                        |                     | Charmataniar Harls 15 40                                                                                                                                                     | , 22011, 2 1 0 t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 50. virentis Hopk. 15–28<br>51. pecanis Hopk. 15–29                                                                 | Fla.<br>Fla.        | Spermatoplex Hopk. 15–48<br>18385. rhizophoræ Hopk. 15–48                                                                                                                    | Fla.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 52. approximatus Hopk. 15–29                                                                                        |                     | 10000. Thizophoræ 110pk. 10-40                                                                                                                                               | ria.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 53. rufescens Hopk. 15–29                                                                                           | Pa.                 | Procryphalus Hopk. 15-33                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 54. flavescens Hopk. 15–29                                                                                          | Fla.                | 18386. mucronatus (Lec.) 79–518                                                                                                                                              | Colo.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 55. opacipennis Hopk. 15–30                                                                                         | D.C.                | 87. aceris Hopk. 15–33                                                                                                                                                       | Or.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 56. quadridentatus Hopk. 15-                                                                                        |                     | 88. utahensis Hopk. 15–33                                                                                                                                                    | Ut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                     | W.Va.               | 89. striatulus (Mann.) 53–235                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 57. brunneus Hopk. 15–31                                                                                            | Tex.                | 90. salicis Hopk. 15–33                                                                                                                                                      | S.Dak.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 58. frontalis Hopk. 15–31                                                                                           | Tex.                | 91. idahoensis Hopk. 15–34                                                                                                                                                   | Id.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 59. tridentatus Hopk. 15–31                                                                                         | Tex.                | 92. populi Hopk. 15–34                                                                                                                                                       | Colo.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 60. niger Hopk. 15–31<br>61. rotundicollis Eich. 78–145                                                             | Tex. (Tenn.?) Fla.  | Trypophlœus Fairm. 68–105                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 62. quercus Hopk. 15–32                                                                                             | W.Va.               | 18393. salicis Hopk. 15–36                                                                                                                                                   | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 63. ercctus (Lec.) 76–356                                                                                           | N.J.W.Va.Tex.       | 94. concentralis Hopk. 15–36                                                                                                                                                 | Wash.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 64. brunneicollis Hopk. 15–33                                                                                       |                     | 95. populi Hopk. 15–37                                                                                                                                                       | Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 65. sculpturatus Eich. 78–146                                                                                       |                     | 96. punctipennis Hopk. 15–37                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 66. chapuisi Eich. 71–132                                                                                           | Tex. Ga.            | 97. nitidus Sw. 12–349                                                                                                                                                       | N.S.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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|                                                                                                                     | _                   |                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                     | Ipi                 | INI                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gnathotrichus Eich. 68–275                                                                                          |                     | Conophthorus Hopk.                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 18398. retusus (Lec.) 68–155                                                                                        | B.C.Ariz.           | 18405. resinosæ Hopk. 15–431                                                                                                                                                 | Me.N.H.Ont.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00 1 (T ) 00 1 7 7                                                                                                  | So.Cal.             | 06. ponderosæ Hopk. 15–431                                                                                                                                                   | Or.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 99. sulcatus (Lec.) 68–155                                                                                          | B.C.Colo.           | 07. scopulorum Hopk. 15–431                                                                                                                                                  | Colo.Ariz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                     | Mex.                | 08. apachecæ Hopk. 15–432<br>09. clunicus Hopk. 15–432                                                                                                                       | Ariz. [N.Mex.?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 19400 motorioning (Estale) 50 40                                                                                    | 0 20 14 10 1 0 2 2  |                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 18400. materiarius (Fitch) 58–40                                                                                    | Can.Fla.Tex.        |                                                                                                                                                                              | E Con Ma Va                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| corthyloides Eich. 68–273                                                                                           | [E.U.S.             | 10. coniperda (Šz.) 94–144                                                                                                                                                   | E.Can.Me.Va.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                     |                     | 10. coniperda (Šz.) 94–144<br>11. radiatæ Hopk. 15–432                                                                                                                       | Cal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| corthyloides Eich. 68–273<br>01. asperulus (Lec.) 68–155                                                            | [E.U.S.             | 10. coniperda (Sz.) 94–144<br>11. radiatæ Hopk. 15–432<br>12. contortæ Hopk. 15–432                                                                                          | Cal.<br>Or.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| corthyloides Eich. 68–273<br>01. asperulus (Lec.) 68–155<br>Conophthorus Hopk. 15–429                               | [E.U.S.             | 10. coniperda (Šz.) 94–144<br>11. radiatæ Hopk. 15–432<br>12. contortæ Hopk. 15–432<br>13. monticolæ Hopk. 15–432                                                            | Cal.<br>Or.<br>Id.B.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| corthyloides Eich. 68–273<br>01. asperulus (Lec.) 68–155                                                            | [E.U.S.<br>D.C. Va. | 10. coniperda (Sz.) 94–144<br>11. radiatæ Hopk. 15–432<br>12. contortæ Hopk. 15–432<br>13. monticolæ Hopk. 15–432<br>14. monophyllæ Hopk.15–433<br>15. flexilis Hopk. 15–433 | Cal.<br>Or.<br>Id.B.C.<br>Cal.<br>Colo.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| corthyloides Eich. 68–273<br>01. asperulus (Lec.) 68–155<br>Conophthorus Hopk. 15–429<br>18402. edulis Hopk. 15–430 | [E.U.S.<br>D.C. Va. | 10. coniperda (Sz.) 94–144<br>11. radiatæ Hopk. 15–432<br>12. contortæ Hopk. 15–432<br>13. monticolæ Hopk. 15–432<br>14. monophyllæ Hopk.15–433                              | Cal.<br>Or.<br>Id.B.C.<br>Cal.<br>Colo.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Pseudopityophthorus Sw. 18-93                              |                                | Ips De  |                                                    | _                           |
|------------------------------------------------------------|--------------------------------|---------|----------------------------------------------------|-----------------------------|
| 18417. minutissimus (Zimm.) 68–1                           |                                |         | radiatæ Hopk. 15-54                                | Cal. Id. B.C.               |
| pugillug    (Hamia) 27, 99                                 | E.U.S. Can.                    | 62.     | calligraphus (Germ.) 24–46                         |                             |
| pusillus    (Harris) 37–82<br>18. pubipennis (Lec.) 57–59  | Mich. Fla.<br>Or.So.Cal.       |         | evenue (Sev.) 26, 255                              | E.U.S. Can.                 |
| 19. pruinosus (Eich.) 78–193                               | N.Y. D.C.                      |         | exesus (Say) 26–255<br>præmorsus (Eich.) 67–401    |                             |
| querciperda (Sz.) 88–56                                    | Fla.                           | 63      | grandicollis (Eich.) 67–402                        | Mass Ind Fla                |
| 20. pilosus (Lec.) 68–154                                  | Cal.                           | 00.     | cacographus (Lec.) 68–162                          |                             |
| pilosulus (Lec.) 68–156                                    |                                | 64.     |                                                    | Que.Ont.N.Y.                |
| — tomentosus (Eich.) 78–201                                | N.Am.                          |         |                                                    | Or.So.Cal.                  |
| Pityophthorus Eich. 64–39                                  |                                |         | , ,                                                | Ariz.                       |
| 18421. ramiperda Sw. 17–28                                 | Que. Ont.                      |         | ?montanus (Eich.) 81–219                           |                             |
|                                                            | E.U.S.                         | 66.     | vancouveri Sw. 16–188                              | Vanc. B.C.                  |
| 22. nitidus Sw. 17–25                                      | N.S. Que.                      | 07      | · . (T \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \         | Wash. Cal.                  |
|                                                            | Arc.Can.                       |         | emarginatus (Lec.) 76–363                          |                             |
| 23. pulicarius (Zimm.) 68–144                              |                                |         | knausi Sw. 15–355<br>longidens Sw. 11–214          | N.Mex. [Cal. N.S. N.Y.      |
| 24. lautus Eich. 71–135                                    | W.Va. Tex.                     |         | latidens (Lec.) 74–72                              | Or. Cal. Colo.              |
| 25. rhois Sw. 17–26                                        | E.Can. N.Y.                    | , 0.    | spinifer (Eich.) 78–499                            | Cal.? [B.C.                 |
| 26. lateralis Sw. 17–27                                    | Fla. [Fla.                     | 71.     | integer (Eich.) 69–273                             | B.C. Colo.                  |
| 27. concentralis Eich. 78–188<br>28. puberulus Lec. 68–157 | Cuba, Fla.<br>Ont. Que.        |         | 3 ( - ,                                            | Mex.                        |
| infans Eich. 71–135                                        | [W.Va.                         | 72.     | plastographus (Lec.) 68-16                         |                             |
| 29. opaculus Lec. 78–623                                   | Mich. E.Can.                   |         |                                                    | Cal. Ariz.                  |
| 30. tuberculatus Eich. 79-498                              |                                | w.o.    | (71.1.)                                            | N.Mex.                      |
| 31. carmeli Sw. 18–100                                     | Cal.                           | 73.     | perturbatus (Eich.) 68–274                         |                             |
| 32. pseudotsugæ Sw. 18–99                                  | B.C. Cal.                      | 74      | hudsonicus (Lec.) 76–363                           | Alas. Nfld.                 |
| 33. atratulus (Lec.) 68–156                                | Ut.N.Mex.                      |         | avulsus (Eich.) 67–402<br>pini (Say) 25–257        | D.C. Ga. Fla.<br>Alas. Can. |
|                                                            | B.C.                           | 10.     | præfrictus (Eich.) 67–401                          | [E.U.S.                     |
| puncticollis (Lec.) 74–71                                  | N.Mex.Wash.                    | 76.     | laticollis Sw. 18–116                              | Ont.                        |
| 34. nitidulus (Mann.) 43–298                               | Alas.B.C.                      |         | interpunctus (Eich.) 78–24                         |                             |
| 35. torreyanæ Sw. 18–101<br>36. confinis Lec. 76–354       | So.Cal. Ariz.<br>Wash. So.Cal. |         | * , -                                              | Alas. Wash.                 |
| 00. commis i.e 10 554                                      | N.Mex.                         |         | tridens ‡ (Eich.) 68–274 ne                        |                             |
| 37. cariniceps Lec. 76-353                                 | Me.W.Va.N.S.                   | 78.     | oregoni (Eich.) 68–274                             | B.C. W.U.S.                 |
| , 300 <b>2000 200</b> 70 333                               | N.Y.                           | =0      | rectus (Lec.) 76–363                               | Or. Ariz.                   |
| 38. canadensis Sw. 17-24                                   | Que. Mich.                     |         | perroti Sw. 15–356                                 | Que. [N.Mex.                |
| 39. intextus Sw. 17–29                                     | Alb. [N.Y.                     |         | borealis Sw. 11–213                                | Nfld.Alb.B.C.               |
| 40. pulchellus Eich. 68–275                                | Mich. W.Va.                    |         | interruptus (Mann.)52–357<br>hunteri Sw. 17–31     | Colo. [B.C.                 |
| hirticeps Lec. 78-665                                      | N.Y. Pa. D.C.                  |         | dubius Sw. 18–119                                  | B.C. Alb.                   |
| pusio Lec. 78–623<br>41. serratus Sw. 18–103               | Mich.<br>No.Cal.               |         | pilifrons Sw 12–353                                | Colo.                       |
| 41. serratus 5w. 18–103<br>42. pullus (Zimm.) 68–143       | S.C. Mich.                     | 85.     | tridens (Mann.) 52-357                             | Alas. B.C.                  |
| cribripennis (Eich.) 68–274                                |                                |         | engelmanni Sw. 17–30                               | Alb. B.C.                   |
| 43. bisulcatus (Eich.) 68–274                              |                                |         |                                                    | B.C.                        |
| 44. confertus Sw. 17–27                                    | B.C.                           | _       | terminalis (Mann.) 43-298                          | Cal.                        |
| 45. granulatus Sw. 17–28                                   | N.S. Man.                      | Ditrol  | teines Fuchs 11–34                                 |                             |
| 46. nudus Sw. 17–30                                        | N.Y.Quc.Ont.                   |         |                                                    | E.U.S. Can.                 |
| 47. consimilis Lec. 78–622                                 | Mich.                          | 10 100. | balsameus (Lec.) 78-625                            |                             |
| 48. annectens Lec. 78–622                                  | Fla. D.C.                      | 89.     | elegans Sw. 16-182                                 | Cal. Or.                    |
| 49. seriatus Lec. 78–433<br>50. obliquus Lec. 78–422       | Fla.                           |         | minutus (Sw.) 12–352                               | Colo.                       |
| oor obliques neer to the                                   | 1 300                          | 91.     | jasperi Sw. 16–181                                 | Alb. Or.                    |
| 51. comatus (Zimm.) 68–143                                 | S.C.                           | 0.41    | 4                                                  |                             |
| 52. deletus Lcc. 79–519                                    | Colo.                          | Ortno   | tomicus Ferr. 67–44                                |                             |
| 53. digestus (Lec.) 74–71                                  | So.Cal.                        | 19409   | (Neotomicus Fuchs 11–38)<br>cælatus (Eich.) 67–402 | E.U.S. Can.                 |
| Pityogenes Bedel 88–397                                    |                                | 10102.  | ?decretus (Eich.) 67-402                           | N.Am.?                      |
| 18454. fossifrons (Lec.) 76–353                            | Vanc. Cal.                     |         | ?xylographus (Fitch) 58-7                          |                             |
| 55. hopkinsi Sw. 15–8                                      | E.Can. E.U.S.                  | 93.     | punctipennis (Lec.) 78-624                         |                             |
| 56. lecontei Sw. 15-10                                     | ?                              |         |                                                    | W.Va.                       |
| 57. carinulatus (Lec.) 74–70                               | Wash. So.Cal.                  | 94.     | vicinus (Lec.) 74–72                               | B.C. Man.                   |
| hamatus (Lec.) 74–72                                       | [Colo. B.C.                    | 0.5     | 4 6 10 10                                          | Colo.                       |
| 58. knechteli Sw. 18–106                                   | Alb. B.C.                      |         | ornatus Sw. 16–185                                 | Ariz. Cal. Or.              |
| 59. plagiatus (Lec.) 68–161                                | D.C. Mich.                     | 90.     | lasiocarpi Sw. 16–183                              | B.C.                        |
| Ips DeGeer 75–190                                          |                                | Ambr    | osiodmus Hopk. 15–55                               |                             |
| (Tomicus Latr. 07-276)                                     |                                |         | linderæ Hopk. 15–56                                | Va.                         |
| (Bostrichus ‡ Fab. 77–59)                                  |                                | 98      | lccontei Hopk. 15–56                               | Fla.                        |
| 18460. concinnus (Mann.) 52–358                            | 8 Alas. Cal.                   |         | . tachygraphus (Zimm.) 68                          |                             |
| hirsutus (Eich.) 67–402                                    |                                |         |                                                    | N.Y.N.C.Fla.                |
|                                                            |                                |         |                                                    |                             |

| Anisandrus Ferr. 67–24         |                | Xyleborus Eich.                |                 |
|--------------------------------|----------------|--------------------------------|-----------------|
| 18500. obesus (Lec.) 68–159    | Can. Va.       | 18526. soltaui Hopk. 15–66     | La.             |
| serratus Sw. 10–162            | Quc.           | 27. nyssæ Hopk. 15–66          | S.C.            |
| 01. populi Sw. 17–22           | Que.           | — viduus Eich. 78–391          | D.C. Fla.       |
| 02. pyri (Peck) 17–205         | E.U.S. Can.    | — propinguus Eich. 68–281      | Tenn.?          |
| 03. minor Sw. 10–164           | Can. N.Y.      | — retusicollis Zimm. 68–146    | Md.             |
| 04. zimmermanni Hopk. 15-68    | Fla.           |                                |                 |
| 05. sayi Hopk. 15–68           | W.Va.          | Xylocleptes Ferr. 67-37        |                 |
| • •                            |                | 18528. floridensis Hopk. 15–43 | Fla.            |
| Xyleborus Eich. 64–37          |                | 29. anonæ Hopk. 15–43          | Fla.            |
| (Xyleborinus Reitt. 13-79)     |                | 30. californicus Hopk. 15–44   | So.Cal.         |
| 18506. saxeseni (Ratz.) 37–167 | Eur.N.Y.       | 31. venturina Hopk. 15–44      | So.Cal.         |
| æsculi Ferr. 67–22             | [Mich.Ind.     | 32. cucurbitæ Lec. 79–519      | Ut.N.Mex.       |
| decolor (Boield.) 59–473       | •              | 33. punctatus Hopk. 15–44      | N.Mex. [Cal.    |
| dohrni (Woll.) 54–290          |                | 34. knausi Hopk. 15–44         | Kan.            |
| dryographus Ferr. 67–20        |                |                                |                 |
| subdepressus Rey 83–142        |                | Dryocœtes Eich. 64–38          |                 |
| · •                            |                | 18535. sechelti Sw. 15–358     | B.C.            |
| (Xyleborus s. str.)            | NT TT TT TT!   | 36. granicollis Lec. 68–162    | N.J.Pa.W.Va.    |
| 07. xylographus (Say) 25–256   | N.Y.Va.Wis.    | 37. pseudotsugæ Sw. 15–360     | Vanc. No.Cal.   |
| 08. incrmis Eich. 67–401       | Tenn. W.Va.    | 38. americanus Hopk. 15–51     | E.Can.W.Va.     |
| 09. affinis Eich. 67–401       | N.J. W.Va.     | oo: americanas 110pm 10 01     | Ind.            |
| 10. canadensis Sw. 17–24       | Que.           | autographus ‡ auct. nec R      |                 |
| 11. pubcscens Zimm. 68–145     | Va. Fla. Ala.  | 39. septentrionis (Mann.) 43-2 |                 |
| ?pini Eich. 67–401             | N.C.           | go: coptoniono (aranin) 10 a   | Alas. B.C.      |
| 12. celsus Eich. 67–400        | N.J. S.C. Ind. | scmicastaneus (Mann.) 52-      |                 |
| biographus Lec. 68–169         | NI I III M     | 40. betulæ Hopk. 15–50         | Can. W.Va.      |
| 13. fuscatus Eich. 67–410      | N.J. Fla. Tex. | eichhoffi    Hopk. 03–320      | 011227 7777 017 |
| 14. impressus Eich. 67–400     | Mass. Ga.      | 41. liquidambaris Hopk 15-51   | Va.             |
| 15. quercus Hopk. 15–63        | Miss.          | 42. confusus Sw. 12–351        | Colo.B.C.       |
| 16. pecanis Hopk. 15–63        | Miss.          | abietis Hopk. 15-52            | Mont.           |
| 17. floridensis Hopk. 15–63    | Fla.           | 43. pubescens Sw. 12-350       | Colo.           |
| 18. arbuti Hopk. 15–64         | Cal.           | 44. affaber (Mann.) 52-339     | Alas. N.Mex.    |
| 19. planicollis Zimm. 68–145   | Pa.Md.D.C.     | 45. piceæ Hopk. 15–51          | Can.W.Va.       |
| 20. rileyi Hopk. 15–65         | Fla.           | 46. caryi Hopk. 15–50          | Me. [N.C.       |
| 21. hubbardi Hopk. 15–65       | Fla.           |                                |                 |
| 22. schwarzi Hopk. 15–65       | Fla.           | Lymantor Lov. 89-69            |                 |
| 23. howardi Hopk. 15–65        | D.C.           | 18547. decipiens (Lec.) 78–624 | Ont. N.Y. Va.   |
| 24. fitchi Hopk. 15–66         | L.I.           |                                |                 |
| 25. scopulorum Hopk. 15–66     | S.Dak.         | •                              |                 |

## APPENDIX

## STREPSIPTERA

### **MENGEOIDEA**

#### MENGEIDÆ

### **XENOIDEA**

#### STYLOPIDÆ

| Stylops Kby. 02–12         |               | Neostylops P. 18-455           |             |
|----------------------------|---------------|--------------------------------|-------------|
| 2. childreni Gray 32–683   | N.S.          | 19. crawfordi (P.) 09–100      | Tex.        |
| 3. asteridis P. 11–494     | Ill.          | 20. solidulæ (P.) 09–107       | Wash.       |
| 4. bipunctatæ P. 09–98     | Ind.Neb. Wis. | 21. shannoni P. 18–457         | Md.         |
| 5. mæstæ P. 18–443         | Wash.         | 22. bruncri P. 09–98           | Neb. Ill.   |
| 6. mandibularis P. 11–494  | Ill.          | 23. oklahomæ P. 09–110         | Okla.       |
| 7. nubeculæ P. 09–105      | Colo.         | 24. salictariæ P. 18–449       | Ill.        |
| 8. subcandidæ P. 09–108    | So.Cal.       | 25. andrenoides P. 11–493      | Ill.        |
| 9. multiplicatæ P. 09–104  | Wis.          | 26. medionitans P. 18–450      | Colo.       |
| 10. advarians P. 09–97     | B.C.          | 27. sinuatus P. 18–450         | Ill.        |
| 11. bisalicidis P. 18–446  | Ala.          | 28. grandior P. 18–451         | Mont.       |
| 12. sparsipilosæ P. 09–108 | Me.           | 29. nudæ P. 11–495             | III.        |
| 13. erigeniæ P. 18–446     | Md. Ill.      | 30. cornii P. 09–100           | Wis.        |
| 14. hippotes P. 09–103     | 0.            | 31. californica P. 09–99       | So.Cal.     |
| 15. nasoni P. 09–104       | Pa.           | 32. vicinæ P. 09–110           | N.H.Ct.Can. |
| 16. swenki P. 09–108       | Neb. Pa.      |                                | Mass. Colo. |
| 17. claytoniæ P. 09–99     | Ga. Ill.      | 33. salicifloris P. 09–106     | Wash.       |
| a. imitatrix P. 09–104     | Tex.          | 34. graenicheri P. 09–103      | Wis.        |
| b. vierecki P. 09–110      | Tex.          | 35. cressoni P. 09–102         | Me.         |
|                            |               | 36. d <b>i</b> abola P. 18–454 | N.Dak.      |
| Katastylops P. 18–454      |               | 37. hartfordensis P. 09–103    | Ga.         |
| 18. polemonii (P.) 09–106  | Colo.         | 38. nconanæ P. 18–454          | Ga.         |
|                            |               | 39. packardi P. 09–105         | Mass.       |
|                            |               |                                |             |

#### XENIDÆ

#### HALICTOXENINÆ

| Halictoxenos P. 08–82     |          | Halictoxenos P.          |      |
|---------------------------|----------|--------------------------|------|
| 40. crawfordi P. 09–149   | Neb.     | 46. zephyri P. 09–150    | Wis. |
| 41. graenicheri P. 09–150 | Wis.     | (Augochlorophilus P. 11- | -22) |
| 42. jonesi P. 08–84       | Tex. La. | 47. viridulæ P. 11–496   | ÍII. |
| 43. nymphaeari P.·11–496  | Ill.     |                          |      |
| 44. sparsi P. 09–150      | Okla.    | Apractelytra P. 08-79    |      |
| 45. versati P. 09–150     | Wis.     | 48. schwarzi P. 08–83    | D.C. |
|                           |          |                          |      |

#### CRAWFORDINÆ

| Crawfordia P. 08-80        |        | Crawfordia P.                 |      |
|----------------------------|--------|-------------------------------|------|
| 49. pulvinipes (P.) 04–167 | Neb.   | 52. rudbeckiæ P. 11–497       | III. |
| 50. cockerelli P. 09–155   | N.Mex. | 53. californica P. 18–460     | Cal. |
| 51. labrosi P. 11–497      | III.   | 54. labrosiformidis P. 18–460 | Ill. |

#### XENINÆ

#### XENINI

| Xenos Rossi 93–49        | Xenos Rossi               |                  |
|--------------------------|---------------------------|------------------|
| (Acroschismus P. 08–79)  | 55. auriferi P. 11–498    | Cal.             |
| (Schistosiphon P. 08–80) | 56. bowditchi (P.) 09–130 | $\mathbf{Mass.}$ |
| (Xenops Leach 15–117)    | 57. bruesi (P.) 09–124    | Mich.            |

.D.C.

| •                                                                                                                                                                                                                                                                               |                                                                          |                                                                                                                                                                         |                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Xenos Rossi 58. hubbardi (P.) 08–84 59. hunteri (P.) 09–130 60. maximus (P.) 09–132 61. nigreseens Brues 03–247 62. pallidus Brues 03–246 a. texensis (P.) 09–127                                                                                                               | Fla. Tex. Tex. La. Tex. Tex.Fla.Neb. Tex. [D.C.                          | <b>Xenos</b> Rossi 63. peckii Kby. 13–116 64. pecosensis (P.) 09–128 65. rubiginosi (P.) 09–132 66. texani (P.) 09–132 67. wheeleri P. 08–80 pcekii ‡ Brues 03–248      | Mass.<br>Tex.<br>La.<br>Tex.<br>Ct. N.Y. |
|                                                                                                                                                                                                                                                                                 | Pseudo                                                                   | XENINI                                                                                                                                                                  |                                          |
| Pseudoxenos Saunders 72-20<br>(Leionotoxenos P. 09-13<br>68. arvensidis P. 11-499<br>69. erynnidis P. 11-499<br>70. foraminati P. 11-499<br>71. fundati P. 11-500<br>72. histrionis P. 11-500<br>73. hookeri (P.) 09-139<br>74. jonesi (P.) 09-138<br>75. louisianæ (P.) 09-138 | 7)     Ill.     Fla.     N.J.     Ill.     Fla.     Tex.     La.     La. | Pseudoxenos Saunders 76. neomexicana P. 18–463 77. pedestridis P. 11–500 78. robertsoni P. 11–501 79. tigridis P. 11–501  Monobiaphila P. 09–139 80. bishoppi P. 09–139 | N.Mex. Ill. Ill. Ill. Tex.               |
|                                                                                                                                                                                                                                                                                 | Орнтнагмо                                                                | OCHLINI                                                                                                                                                                 |                                          |
| Eupathocera P. 08-79 81. lugubris P. 08-83 82. pietipennidis P. 11-502 83. pruinosæ P. 09-143 84. vulgaridis P. 11-503 85. luctuosæ P. 11-502                                                                                                                                   | Ohio<br>Ill.<br>Colo.<br>Ill.<br>Id. Colo.                               | Ophthalmochlus P. 08-79                                                                                                                                                 | Ohio<br>Tex.<br>Pa.                      |
|                                                                                                                                                                                                                                                                                 | HALICTOP                                                                 | HAGOIDEA                                                                                                                                                                |                                          |
|                                                                                                                                                                                                                                                                                 | HALICTOP                                                                 | HAGIDÆ                                                                                                                                                                  |                                          |
| Anthericomma P. 08-81<br>89. barberi P. 08-84  Dacyrtocara P. 18-473<br>90. oncometropiæ P. 18-473<br>91. undata P. 18-474                                                                                                                                                      | N.Mex. ,<br>Ga.<br>Ga.                                                   | Agalliaphagus P. 08–83<br>92. americanus Perkins 08–108<br>93. uhleri P. 19–479                                                                                         | 5 Ohio<br>Colo.                          |
|                                                                                                                                                                                                                                                                                 | ELENCH                                                                   | IOIDEA                                                                                                                                                                  |                                          |
|                                                                                                                                                                                                                                                                                 | ELENC                                                                    | HIDÆ                                                                                                                                                                    |                                          |
| Liburnelenchus P. 18–481<br>(Mecynocera    P. 08–81)<br>94. koebelei (P.) 08–81<br>95. heidemanni P. 18–481                                                                                                                                                                     | Ohio<br>Md.                                                              | Elenchinus P. 18-481<br>96. heidemanni P. 18-481<br>Pentagrammaphila P. 09-169<br>97. uhleri P. 09-169                                                                  | Md.                                      |

345 APPENDIX

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11. " 18.

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## CATALOGUE

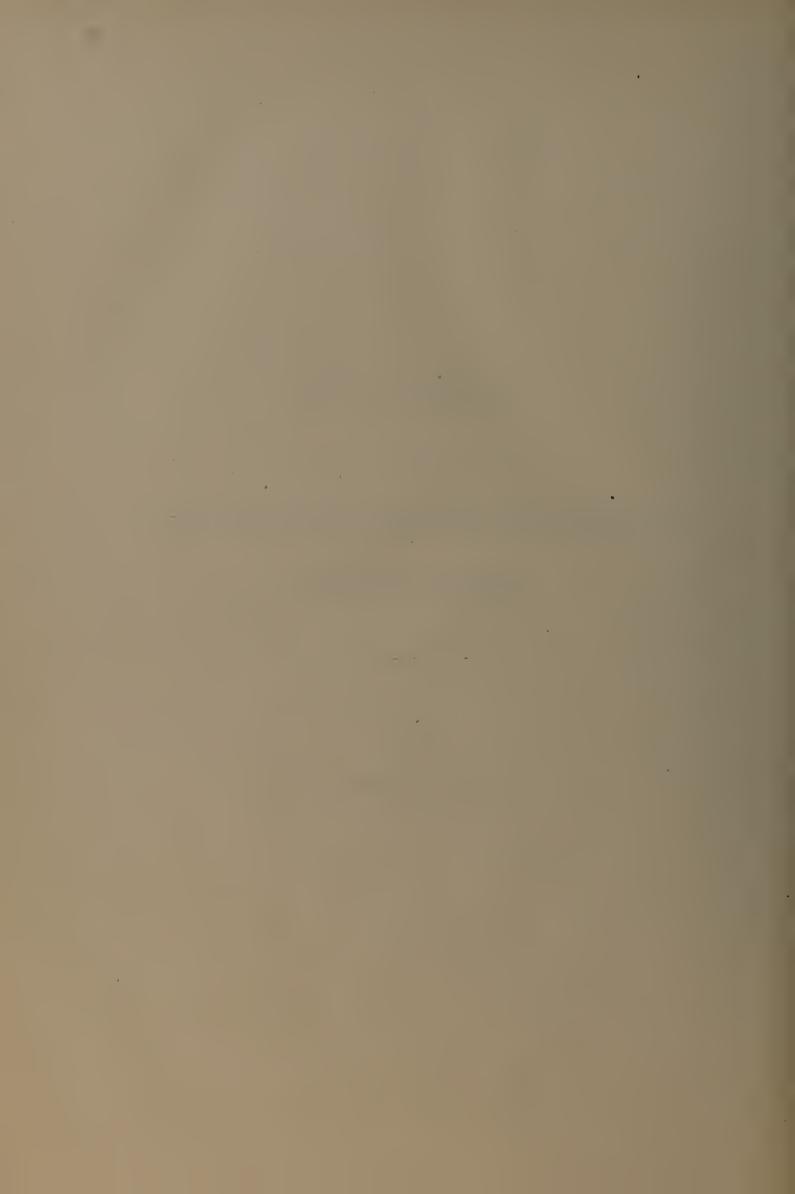
OF THE

# NORTH AMERICAN COLEOPTERA

DESCRIBED AS FOSSILS

BY

H. F. WICKHAM



# A CATALOGUE OF THE NORTH AMERICAN COLEOPTERA DESCRIBED AS FOSSILS

#### By H. F. WICKHAM

The object of the following catalogue is to give a list of those species actually described as fossils, not including the remains of recent species which have been found in a fossil state. However, since the number of the latter is small, they have been enumerated at the end, in order that the palæontologist may be able to keep track of them. No references to genera have been included, unless founded upon some specific citation as well, for instance no notice would be taken of a record of "Elater sp." or any similar assignment. The date of establishment of a generic name is given only when the genus is based upon a fossil species and may therefore be assumed to have become extinct, since information regarding recent genera may be had by turning to the main portion of this work.

The sequence of families and genera follows that of the recent species, but since the names of the fossils are not numbered it has been necessary to indicate synonyms by the abbreviation "syn." The other abbreviations which seem to require explanation are as follows:—

| TI | ania | - |   |
|----|------|---|---|
|    | OMIO | - | 0 |

Cret. Cretaceous Eoc. Eocene Mioc. Miocene . Olig. Oligocene Pleist. Pleistocene

#### Localities

Flor. Florissant, Colo.
G. R. Green River, Wyo.
Greenl. Greenland
P. K. Port Kennedy, Pa.
Scar. Scarborough, Ont. Can.
Tor. Toronto, Ont. Can.
Vero Vero, Fla.

Some difference of opinion exists as to the age of certain of these deposits, but I have tried to follow usage well established in this country. The plan of citing locality as well as period will aid in checking up any changes of assignment which may be made.

#### CARABIDÆ

#### Scaphinotus Dej. Carabus Linn. minor (Horn) 76-243 P. K. Pleist. P. K. Pleist. jeffersoni Scudd. 00–15 Flor. Mioc. wheatleyi (Horn) 76-242 mæander sangamon Wickh. 17a-139 Ill. Pleist. Nomaretus Lec. Calosoma Web. serus Scudd. 00-13 Flor. Mioc. ealvini Wickh. 09–126 Flor. Mioc. Neothanes Scudd. 90-535 cockerelli Wickh. 10-47 Flor. Mioc. emmonsii Scudd. 00-16 G. R. Eoe. Flor. Mioc. testeus (Seudd.) 78a-758

350 Carabidæ

| Elaphrus Fab.                                                                                                                                           | Scar. Pleist.                                                                  | feildenianus Heer 78–38<br>kincaidi Ckll. 08a–51                                                                                                                                              | Grinnell L.Eoc.                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| irregularis Scudd. 90–534                                                                                                                               | Scar. I leist.                                                                 |                                                                                                                                                                                               |                                                                                                 |
| Loricera Latr. exita Scudd. 00a-70 glacialis Scudd. 77-763                                                                                              | Scar. Pleist.<br>Scar. Pleist.                                                 | Rembus Latr.<br>henshawi (Scudd.) 90–523                                                                                                                                                      | Flor. Mioc.                                                                                     |
| lutosa Scudd. 90–533                                                                                                                                    | Scar. Pleist.                                                                  | Dicælus Bon.                                                                                                                                                                                  |                                                                                                 |
| Nebria Latr.                                                                                                                                            |                                                                                | alutaceus Horn 76–244                                                                                                                                                                         | P. K. Pleist.                                                                                   |
| abstracta Scudd. 00a-70                                                                                                                                 | Tor. Pleist.                                                                   | Badister Clairy                                                                                                                                                                               |                                                                                                 |
| occlusa Scudd. 00–17<br>palæomelas Scudd. 79–179b                                                                                                       | Flor. Mioc.<br>B. C. Mioc.                                                     | antecursor Scudd. 00a-75                                                                                                                                                                      | Tor. Pleist.                                                                                    |
| Bembidion Lat                                                                                                                                           | r.                                                                             | Platynus Bon.                                                                                                                                                                                 |                                                                                                 |
| damnosum Scudd. 00a–73<br>exoletum Scudd. 76-77<br>expletum Scudd. 00a–72<br>florissantensis Wickh. 13–6<br>fragmentum Scudd. 90–531                    | Scar. Pleist. White R. Eoc. Tor. Pleist. Flor. Mioc. Ohio Pleist.              | cæsus Scudd. 90–522<br>calvini Wickh. 17a–142<br>casus Scudd. 90–519<br>desuetus Scudd. 90–521<br>dilapidatus Scudd. 92–49                                                                    | G. R. Eoc.<br>Ill. Pleist.<br>Scar. Pleist.<br>Scar. Pleist.<br>Scar. Pleist.                   |
| glaciatum Scudd. 90–531<br>haywardi Scudd. 00a–70<br>obductum Scudd. 00–18<br>præteritum Scudd. 00a–72<br>tumulorum Scudd. 00–19<br>vanum Scudd. 00a–71 | Scar. Pleist. Tor. Pleist. Flor. Mioc. Scar. Pleist. Flor. Mioc. Scar. Pleist. | dissipatus Scudd. 90–521<br>exterminatus Scudd. 00a–75<br>florissantensis Wickh. 13–7<br>halli Scudd. 90–520<br>harttii Scudd. 90–522<br>hindei Scudd. 90–520<br>interglacialis Scudd. 00a–76 | Scar. Pleist. Scar. Pleist. Flor. Mioc. Scar. Pleist. Scar. Pleist. Scar. Pleist. Scar. Pleist. |
| vestigium Scudd. 00a-71                                                                                                                                 | Scar. Pleist.                                                                  | interitus Scudd. 00a-76                                                                                                                                                                       | Tor. Pleist.                                                                                    |
| Tachys Steph.                                                                                                                                           |                                                                                | insculptipennis Wickh. 17–463<br>longævus Scudd. 00a–77                                                                                                                                       | Flor. Mioc.<br>Scar. Pleist.                                                                    |
| haywardi Wickh. 13–7                                                                                                                                    | Flor. Mioc.                                                                    | pleistocenicus Wickh. 17a–141                                                                                                                                                                 | Ill. Pleist.                                                                                    |
| Patrobus Dej.                                                                                                                                           |                                                                                | senex Scudd. 78a–759                                                                                                                                                                          | G. R. Eoc.                                                                                      |
| decessus Scudd. 00a–73<br>frigidus Scudd. 00a–74<br>gelatus Scudd. 90–530<br>henshawi Wickh. 17a–140                                                    | Tor. Pleist. Tor. Pleist. Scar. Pleist. Ill. Pleist.                           | subgelidus Wickh. 17a-142<br>tartareus Scudd. 00-30<br>Galerita Fab.                                                                                                                          | Ill. Pleist.<br>Flor. Mioc.                                                                     |
| Trechus Clairy                                                                                                                                          |                                                                                | marshii Scudd. 00–31                                                                                                                                                                          | G. R. Eoc.                                                                                      |
| fractus Wickh. 12a-6                                                                                                                                    | Flor. Mioc.                                                                    | Plochionus Dej                                                                                                                                                                                |                                                                                                 |
| Myas Dej.                                                                                                                                               | 2 2027 2/220(//                                                                | lesquereuxi Scudd. 00–31                                                                                                                                                                      | Flor. Mioc.                                                                                     |
| rigefactus Scudd. 00–20                                                                                                                                 | · Flor. Mioc.                                                                  | Cymindis Latr                                                                                                                                                                                 |                                                                                                 |
| umbrarum Scudd. 00–21                                                                                                                                   | Flor. Mioc.                                                                    | · ·                                                                                                                                                                                           | P. K. Pleist.                                                                                   |
| Pterostichus Bo                                                                                                                                         | n.                                                                             | aurora Horn 76–243<br>extorpescens Scudd.98–743:00–3                                                                                                                                          |                                                                                                 |
| abrogatus Scudd. 90–525                                                                                                                                 | Scar. Pleist.                                                                  | Brachinus Web                                                                                                                                                                                 | •                                                                                               |
| depletus Scudd. 00a–75<br>destitutus Scudd. 90–526                                                                                                      | Scar. Pleist.<br>Scar. Pleist.                                                 | newberryi Scudd. 00–32                                                                                                                                                                        | Flor. Mioc.                                                                                     |
| destructus Scudd. 90–527                                                                                                                                | Scar. Pleist.                                                                  | repressus Scudd. 00–33                                                                                                                                                                        | Flor. Mioc.                                                                                     |
| dormitans Scudd. 90–526                                                                                                                                 | Ohio Pleist.                                                                   | Chlænius Bon.                                                                                                                                                                                 |                                                                                                 |
| fractus Scudd. 90–527<br>gelidus (Scudd.) 77–763                                                                                                        | Scar. Pleist.<br>Scar. Pleist.                                                 | plicatipennis Wickh. 17a-143                                                                                                                                                                  | Ill. Pleist.                                                                                    |
| lævigatus Scudd. 90–528                                                                                                                                 | P. K. Pleist.                                                                  | punctulatus Horn 76–244                                                                                                                                                                       | P. K. Pleist.                                                                                   |
| pumpellyi Scudd. 00–23                                                                                                                                  | Flor. Mioc.                                                                    | Nothopus Lec.                                                                                                                                                                                 |                                                                                                 |
| walcotti Scudd. 00–23                                                                                                                                   | Flor. Mioc.                                                                    | kingii Scudd. 00–34                                                                                                                                                                           | Flor. Mioc.                                                                                     |
| Evarthrus Lec.                                                                                                                                          |                                                                                |                                                                                                                                                                                               |                                                                                                 |
| tenebricus Scudd. 00–24  Amara Bon.                                                                                                                     | Flor. Mioc.                                                                    | Cratacanthus Deficies florissantensis Wickh. 17–464                                                                                                                                           | Flor. Mioc.                                                                                     |
| cockerelli Wickh. 12a-7                                                                                                                                 | Flor. Mioc.                                                                    | Harpalus Latr.                                                                                                                                                                                |                                                                                                 |
| danæ Scudd. 00–27<br>powellii Scudd. 00–26<br>revocata Scudd. 00–25                                                                                     | Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc.                                      | conditus Scudd. 00a-77<br>maceratus Wickh. 11-54<br>nuperus Scudd. 00-34                                                                                                                      | Scar. Pleist.<br>Flor. Mioc.<br>Flor. Mioc.                                                     |
| sterilis Scudd. 00–25                                                                                                                                   | Flor. Mioc.                                                                    | redivivus Wickh. 17–465                                                                                                                                                                       | Flor. Mioc.                                                                                     |
| veterata Scudd. 00–26                                                                                                                                   | Flor. Mioc.                                                                    | ulomæformis Wickh. 17–464                                                                                                                                                                     | Flor. Mioc.                                                                                     |
| Carabites Heer 52                                                                                                                                       | <del>-1</del> 2                                                                | whitfieldi Scudd. 00–35                                                                                                                                                                       | Flor. Mioc.                                                                                     |
| arapahoensis Ckll. 18–307                                                                                                                               | Colo. Eoc.                                                                     | Stenolophus De                                                                                                                                                                                | j.                                                                                              |
| exanimus Scudd. 92a–17                                                                                                                                  | White R. Eoc.                                                                  | religatus Scudd. 00–35                                                                                                                                                                        | Flor. Mioc.                                                                                     |

### DYTISCIDÆ

| Bidessus Sharp.                                                                                             |                                                                | Agabus Leach.                                                               |                                       |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------|
| laminarum Wickh. 14a–426                                                                                    | Flor. Mioc.                                                    | charon Wickh. 12a-8                                                         | Flor. Mioc.                           |
| Cœlambus Thon                                                                                               | ns.                                                            | florissantensis Wickh. 13a–285<br>perditus Scudd. 00a–80                    | Flor. Mioc.<br>Scar. Plcist.          |
| cribrarius Scudd. 00a-78<br>derelictus Scudd. 00a-78<br>disjectus Scudd. 00a-79<br>infernalis Scudd. 00a-78 | Tor. Pleist.<br>Scar. Pleist.<br>Scar. Pleist.<br>Tor. Pleist. | prelugens Wickh. 17a–144<br>rathbuni Scudd. 00–37<br>savagci Wickh. 17a–143 | Ill. Pleist. Flor. Mioc. Ill. Pleist. |
| miocenus Wickh. 12a–7                                                                                       | Flor. Mioc.                                                    | Acilius Leach.                                                              |                                       |
| <b>Hydroporus</b> Clai<br>inanimatus Scudd. 00a-79                                                          | Scar. Pleist.                                                  | florissantensis Wickh. 09–127                                               | Flor. Mioc.                           |
| inundatus Scudd. 00a-79 Tor. Pleist. scetus Scudd. 00a-80 Scar. Pleist.                                     | Miodytiscus Wickh.                                             | 11–54.                                                                      |                                       |
| sedimentorum Wickh. 14a–427                                                                                 | Flor. Mioc.                                                    | hirtipes Wickh. 11–54                                                       | Flor. Mioc.                           |
|                                                                                                             |                                                                |                                                                             |                                       |

### HYDROPHILIDÆ

| Helophorus Fa                                                              | b.                         | Hydrobius Lead                                                   | eh.                       |
|----------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------|---------------------------|
| rigescens Scudd. 90–516                                                    | Ohio Pleist.               | confixus Scudd. 90-511                                           | G. R. Eoc.                |
| Hydrochus Leach.                                                           |                            | decineratus Scudd. 78a–761 · · · · · · · · · · · · · · · · · · · | G. R. Eoc.<br>Flor. Mioc. |
| amictus Scudd. 90–515<br>relictus Scudd. 90–516                            | Ohio Pleist.<br>G. R. Eoc. | prisconatator Wickh. 11–55<br>titan Wickh. 13–7                  |                           |
| Berosus Leach                                                              |                            | Creniphilites Wickh.                                             | 13-8.                     |
| sexstriatus Scudd. 78a-760                                                 |                            | orpheus Wickh. 13–8                                              | Flor. Mioc.               |
| tenuis Scudd. 78a–760 G. R. Eoc.                                           |                            | Enochrus Thoms.                                                  |                           |
| <b>Hydro</b> philus DeC                                                    | leer.                      | ' (O 11) #0 #D                                                   | 0.70.73                   |
| extricatus (Scudd.) 00–41                                                  | Flor. Mioc.                | primævus (Scudd.) 76–78<br>scudderi (Wickh.) 09–127              | G. R. Eoc.<br>Flor. Mioc. |
| Hydrophilites Hecr                                                         | 83-144.                    | Cymbiodyta Be                                                    | del.                      |
| naujatensis Hccr 83–144                                                    | Greenl. Eoc.               | exstincta Scudd. 00a-81                                          | Scar. Pleist.             |
| Tropisternus So                                                            | lier.                      | Laccobius Er                                                     |                           |
| limitatus Scudd. 00–40                                                     |                            | elongatus Scudd. 78a-761                                         | G. R. Eoc.                |
| saxialis Scudd. 78a–759 G. R. Eoc.<br>sculptilis Scudd. 78a–760 G. R. Eoc. |                            | Cercyon Leach                                                    | 1.                        |
| vanus Scudd. 00–39                                                         | Flor. Mioc.                | terrigena Scudd. 79–179b                                         | B. C. Mioc.               |

#### SILPHIDÆ

| Necrodes Leach                                                         | 1. •                       | Agyrtes F                                   | roh.                  |
|------------------------------------------------------------------------|----------------------------|---------------------------------------------|-----------------------|
| primævus Beut. & Ckll., 08–67                                          | Flor. Mioc.                | primoticus Scudd. 00–45                     | Flor. Mioc.           |
| Silpha Linn.<br>beutenmuelleri Wickh. 14a–428<br>colorata Scudd. 00–44 | Flor. Mioc.<br>Flor. Mioc. | <b>Hydnobius</b> Se<br>tibialis Wickh. 13–9 | hmidt.<br>Flor. Mioc. |
| Miosilpha Wickh.                                                       | 12a-9                      | Anisotoma                                   | Illig.                |
| nccrophiloides Wickh. 12a-9                                            | Flor. Mioc.                | sibylla Wickh. 13a–285                      | Flor. Mioc.           |

#### **PAUSSIDÆ**

Paussopsis Ckll. 11-71.

nearctica Ckll. 11–71 Flor. Mioc. secunda Wickh. 12a–10 Flor. Mioc.

### STAPHYLINIDÆ

| maine Pour                                                                                               |                               | fossus Scudd. 00–59                               | Flor. Mioc.                                 |
|----------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------|---------------------------------------------|
| Triga Fauv.                                                                                              | Elas Mico                     | leidyi Scudd. 00–55                               | Flor. Mioc.                                 |
| cœni Scudd. 00–78                                                                                        |                               | maclurei Scudd. 00–60                             | Flor. Mioc.                                 |
| Omalium Grav                                                                                             |                               | rigatus Scudd. 00–59                              | Flor. Mioc.                                 |
| antiquorum Wickh. 13–11                                                                                  | Flor. Mioc.                   | Philonthus Cur                                    | t.                                          |
| Olophrum Erich                                                                                           | ıs.                           | abavus Scudd. 00–57                               | Flor. Mioc.                                 |
| arcanum Scudd. 00a-86<br>cælatum Scudd. 00a-86<br>dejectum Scudd. 00a-86<br>interglaciale Wickh. 17a-145 | Scar. Pleist.                 | claudus Scudd. 00a–82                             | Scar. Pleist.                               |
| cælatum Scudd. 00a–86                                                                                    | Scar. Pleist.                 | horni Seudd. 00–56                                | Flor. Mioc.                                 |
| dejectum Scudd. 00a–86                                                                                   | Scar. Pleist.                 | invelatus Scudd. 00–55                            | Flor. Mioc.                                 |
| interglaciale Wickh. 17a-145                                                                             | III. Pleist.                  | marcidulus Scudd. 00–54                           | Flor. Mioc.                                 |
| Arpedium Erich                                                                                           | ıs.                           | Staphylinus Lin                                   |                                             |
| stillieidii Seudd. 92–42                                                                                 | Sear. Pleist.                 | lcsleyi Scudd. 00–51                              | Flor. Mioc.                                 |
| Acidota Mann                                                                                             |                               | vetulus Scudd. 00–52                              | Flor. Mioc.<br>Flor. Mioc.                  |
|                                                                                                          | Scar. Pleist.                 | vulcan Wickh. 13a–288                             |                                             |
| Geodromicus Re                                                                                           |                               | Ontholestes Gan                                   |                                             |
|                                                                                                          | Flor. Mioc.                   | patriarchicus (Scudd.) 76–78                      | White R. Eoc.                               |
| abditus Scudd. 00–77<br>stiricidii Scudd. 92–43                                                          | Scar. Pleist.                 | Acylophorus Nor                                   | dm.                                         |
|                                                                                                          |                               | immotus Scudd. 00–47                              | Flor. Mioc.                                 |
| Deleaster Erich                                                                                          |                               | Heterothops Ste                                   | nh.                                         |
| grandiceps Wickh. 12a–12                                                                                 | Flor. Mioc.                   | conticens Scudd. 00–48                            |                                             |
| Oxytelus Grav                                                                                            |                               | ·                                                 |                                             |
| pristinus Scudd. 76–79<br>subapterus Wickh. 13–11                                                        | White R.Eoc.                  | Lasbium Seudd. 0                                  |                                             |
| subapterus Wickh. 13-11                                                                                  | Flor. Mioc.                   | agassizii Scudd. 00–49 sectile Scudd. 00–50       | Flor. Mioc.                                 |
| Platystethus Ma                                                                                          | nn.                           |                                                   |                                             |
| archetypus Scudd. 00–76                                                                                  | Flor. Mioc.                   | Quedius Steph                                     |                                             |
| earcarcus Scudd. 00–75                                                                                   | Flor. Mioc.                   | breweri Scudd. 90–508                             | Flor. Mioc.                                 |
| Bledius Mann                                                                                             |                               | chamberlini Scudd. 90–508                         | Flor. Whoe.                                 |
| adamus Scudd. 78a-762                                                                                    | G. R. Eoc.                    | deperditus Seudd. 00a–82<br>mortuus Wickh. 12a–11 | Flor. Mioc.<br>Scar. Pleist.<br>Flor. Mioc. |
| fæcorum Scudd. 00–74                                                                                     | G. R. Eoc.                    |                                                   |                                             |
| glaciatus Scudd. 90–505                                                                                  | Scar. Pleist.                 | Oxyporus Fab                                      |                                             |
| osborni Scudd. 00–72                                                                                     | Flor. Mioc.                   | stiriacus Scudd. 90–505                           | Scar. Pleist.                               |
| primitiarum Seudd. 00–73                                                                                 | Flor. Mioc.                   | <b>Tachinus</b> Grav                              | ·                                           |
| soli Seudd. 00–71                                                                                        | Flor. Mioc.                   | sommatus Scudd. 00–64                             | Flor. Mioc.                                 |
| Stenus Latr.                                                                                             |                               | Tachyporus Gra                                    | ıv.                                         |
| morsei (Scudd.) 00–70                                                                                    | Flor. Mioc.                   | nigripennis Scudd. 00–65                          |                                             |
| Cryptobium Ma                                                                                            | nn.                           | Bolitobius Step                                   |                                             |
| einetum Seudd. 00a–83                                                                                    | Scar. Plcist.                 | •                                                 | Flor. Mioc.                                 |
| detectum Scudd. 00a-83                                                                                   | Scar. Pleist.                 | funditus Scudd. 00–67                             | Flor. Mioc.                                 |
| Pæderus Fab.                                                                                             |                               | lyelli Scudd. 00–66                               | Flor. Mioc.                                 |
| adumbratus Wickh. 13–10                                                                                  | Flor. Mioc.                   | stygis Scudd. 00–68                               | Flor. Mioc.                                 |
| <b>L</b> athrobium Gra                                                                                   | av.                           | Mycetoporus Ma                                    | nn.                                         |
| abscessum Scudd. 76–79                                                                                   | G. R. Eoc.                    | demcrsus Scudd. 00–69                             |                                             |
| antediluvianum Wickh. 13–10                                                                              | Flor. Mioc.                   | Gymnusa Grav                                      |                                             |
| antiquatum Scudd. 00a-83                                                                                 | Tor. Pleist.                  | •                                                 |                                             |
| debilitatum Scudd. 00a-84                                                                                | Scar. Pleist.                 | absens Seudd. 00a-81                              | Tor. Pleist.                                |
| excsum Scudd. 00a–84<br>frustrum Scudd. 00a–85                                                           | Tor. Pleist.<br>Sear. Pleist. | Homalota Man                                      | n.                                          |
| inhibitum Scudd. 00a-84                                                                                  | Scar. Pleist.                 | recisa Scudd. 90–509                              | G. R. Eoc.                                  |
| interglaciale Scudd. 90–506                                                                              | Scar. Pleist.                 | Gyrophæna Mar                                     | ın.                                         |
| Lithocharis La                                                                                           |                               | saxicola Scudd. 76–78                             | White R. Eoc.                               |
| seottii Seudd. 00–63                                                                                     | Flor. Mioc.                   | Atheta Thoms                                      |                                             |
| Miolithocharis Wickh.                                                                                    |                               | florissantensis Wickh. 13–9                       |                                             |
| lithographica Wickh. 13a–289                                                                             |                               |                                                   |                                             |
| Xantholinus Ser                                                                                          |                               | Aleocharopsis Wickh.                              |                                             |
|                                                                                                          | Flor. Mioc.                   | eascyi Wickh. 13a–286<br>secunda Wickh. 13a–287   | Flor. Mice.                                 |
|                                                                                                          |                               |                                                   |                                             |
| Leptacinus Eric                                                                                          |                               | Staphylinites Seudd.                              |                                             |
| exsucidus Scudd. 00–61                                                                                   | Flor. Mioc.                   | obsoletum Scudd. 76–78                            | G. R. Eoc.                                  |
|                                                                                                          |                               |                                                   |                                             |

#### LYCIDÆ

#### LAMPYRIDÆ

Miocænia Wickh. 14a-443 pectinicornis Wickh. 14a-443

Flor. Mioc.

Lucidota Lap.

prima (Wickh.) 12a-19

Flor. Mioc.

#### CANTHARIDÆ

Chauliognathus Hentz.

pristinus Scudd. 76-81

Flor. Mioc.

Cantharis L.

hesperus (Wickh.) 14a-445 humatus (Wickh.) 13b-362 Flor. Mioc. Flor. Mioc.

Podabrus Westw.

cupesoides Wickh. 17-467 Flor. Mioc. florissantensis Wickh. 14a-444 fragmentatus Wickh. 14a-444

Flor. Mioc. Flor. Mioc. Flor. Mioc.

Polemius Lec. crassicornis Wickh. 14a-445

Flor. Mioc.

Trypherus Lec.

aboriginalis Wickh. 13b-362

Flor. Mioc.

#### MELYRIDÆ

Collops Er.

Flor. Mioc. Flor. Mioc.

Trichochrous Mots.

miocenus Wickh. 12a-20 Flor. Mioc. Eudasytites Wickh. 12a-19

desuetus Wickh. 14a–447 extrusus Wickh. 14a–447 priscus Wickh. 14a-446

wheeleri Wickh. 09-128

Flor. Mioc.

listriformis Wickh. 12a-19

Flor. Mioc.

Malachius Fab.

immurus Wickh. 17-468

Flor. Mioc. syn. pristinus || Wickh. 16-8

### CLERIDÆ

Enoclerus Gahan

Flor. Mioc.

Hydnocera Newn.

florissantensis Wickh. 14a-448

pristinus Wickh. 14a-449

Flor. Mioc.

wolcotti Wickh. 13-15

Flor. Mioc.

#### CORYNETIDÆ

#### LYMEXYLIDÆ

Necrobia Oliv.

Flor. Mioc.

Melittomma Murr. lacustrinum (Wickh.) 11-57 Flor. Mioc.

divinatoria Wickh. 14a-449 sibylla Wickh. 14–261

Flor. Mioc.

**ŒDEMERID**Æ

Copidita Lec.

Palædemera Wickh. 14a-487

miocenica Wickh, 14a-487

Flor. Mioc.

crassipes Wickh. 14a–488

Flor. Mioc.

#### MORDELLIDÆ

Tomoxia Costa

Mordellistena Costa

inundata Wickh. 14a-488 Flor. Mioc.

florissantensis Wickh. 12a-33 nearctica Wickh. 14-268

Flor. Mioc. Flor. Mioc.

Mordella L.

lapidicola Wickh. 09–130 stygia Wickh. 14a–489 Flor. Mioc. Flor. Mioc.

protogæa Wickh. 14–269 scudderiana Wickh. 14–268 smithiana Wickh. 13–21 Flor. Mioc. Flor. Mioc. Flor. Mioc.

RHIPIPHORIDÆ

Macrosiagon Hentz.

geikei (Scudd.) 90-482

Flor. Mioc.

#### MELOIDÆ

Epicauta Redt.

Gnathium Kby.

subneglecta Wickh. 14a-492

Flor. Mioc.

ætatis Scudd. 93-pl. 2, 00-116 Flor. Mioc.

Lytta Fab.

Nemognatha Ill. exsecta Wickh. 12a-34

Flor. Mioc.

lithophila (Wickh.) 14a-492

Flor. Mioc.

Tetraonyx Latr.

minuscula Wickh. 14a-491

Flor. Mioc.

#### PYTHIDÆ

Pythoceropsis Wickh. 13-20

singularis Wickh. 13-21

Flor. Mioc.

#### PEDILIDÆ

Pedilus Fisch.

Lithomacratria Wickh. 14a-490

Flor. Mioc.

mirabilis Wickh, 14a-490

Flor. Mioc.

Flor. Mioc.

Flor. Mioc.

Macratria Newn.

gigantea Wickh. 10-51

calypso (Wickh.) 14a-491

Flor. Mioc.

#### **CEBRIONIDÆ**

Adocetus Scudd. 00-97

buprestoides Scudd. 00-97

Wyo. Eoc.

#### **ELATERIDÆ**

| Lacon Cast.                                                                                                        |                                                          |                                                 |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|
| exhumatus Wickh. 16a-501                                                                                           | Flor. Mioc.                                              | cockerelli Wi                                   |
| Monocrepidius Es                                                                                                   | sch.                                                     | Lud                                             |
| dubiosus Wickh. 16a-508                                                                                            | Flor. Mioc.                                              | haydeni Wick                                    |
| Limonius Esch.                                                                                                     |                                                          | mortuus Scuo                                    |
| aboriginalis Wickh. 16a–514<br>florissantensis Wickh. 16a–515                                                      | Flor. Mioc.<br>Flor. Mioc.                               | primus Wick                                     |
| impunctus Scudd. 92–37<br>præcursor Wickh. 16a–516<br>shoshonis Wickh. 16a–517                                     | B. C. Mioc.<br>Flor. Mioc.<br>Flor. Mioc.                | comminutus<br>nearcticus W                      |
| volans Wickh. 16a–517  Athous Esch.                                                                                | Flor. Mioc.                                              | Cryp<br>minusculus V                            |
| contusus Wickh. 16a–519<br>fractus Wickh. 16a–519<br>lethalis Wickh. 16a–518                                       | Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc.                | florissantensis<br>rohweri Wick<br>scudderi Wic |
| Ludius Esch.                                                                                                       |                                                          | scaddell viic                                   |
| exanimatus (Wickh.) 16a–520<br>granulicollis (Wickh.) 08–76                                                        | Flor. Mioc.<br>Flor. Mioc.                               | primævus Wi                                     |
| heeri (Wickh.) 16a–521<br>lævissimus (Wickh.) 16a–521<br>primitivus (Wickh.) 08–77<br>propheticus (Wickh.) 16a–526 | Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc. | diluvialis Wick<br>eruptus Wick                 |
| restructus (Wickh.) 16a–525<br>submersus (Wickh.) 16a–524<br>velatus (Scudd.) 76–81                                | Flor. Mioc.<br>Flor. Mioc.<br>G. R. Eoc.                 | cockcrelli Wideprivatus W                       |
| Cryptohypnus Es                                                                                                    | ch.                                                      | lithographus                                    |
| exterminatus Wickh. 16a–506<br>hesperus Wickh. 16a–506                                                             | Flor. Mioc.<br>Flor. Mioc.                               | requiescens V                                   |
| terrestris Scudd. 79–181B                                                                                          | B. C. Mioc.                                              | coloradensis '                                  |
|                                                                                                                    |                                                          |                                                 |

Melanactes Lec. ickh. 08–77 Flor. Mioc. diophanes Wickh. 16a-522 kh. 16a–522 Flor. Mioc. Oxygonus Lec. dd. 76–81 White R. Eoc. th. 16a-526 , Flor. Mioc. Agriotes Esch. Wickh. 16a-513 Flor. Mioc. lickh. 16a-513 Flor. Mioc. ptagriotes Wickh. 16a-512 Vickh. 16a-512 Flor. Mioc. Elater L. s Wickh. 16a-510 Flor. Mioc. kh. 16a-509 Flor. Mioc. ekh. 16a–510 Flor. Mioc. Megapenthes Kies. ickh. 16a–511 Flor. Mioc. Anchastus Lec. ckh. 16a-507

Cardiophorus Esch. Flor. Mioc. Flor. Mioc. ickh. 16a–503 Vickh. 16a–504 s Wickh. 16a–502 Flor. Mioc. Wickh. 16a-501 Flor. Mioc. Vickh. 16a-504 Flor. Mioc.

kh. 16a–507

Horistonotus Cand.

coloradensis Wickh. 16a-505 Flor. Mioc.

#### MELASIDÆ

Eucnemis Ahr.

Microrhagus Esch.

antiquatus Wickh. 14a-437

Flor. Mioc.

miocenicus Wickh. 16a-500 vulcanicus Wickh. 16a–500

Flor. Mioc. Flor. Mioc.

Deltometopus Bonv. fossilis Wickh. 16a–498

Flor. Mioc.

Epiphanis Esch.

deletus Scudd. 76-80

White R. Eoc.

Fornax Cast.

ledensis Scudd. 92-39 relictus Wickh. 16a-499 Can. Pleist. Flor. Mioc.

THROSCIDÆ

Pactopus Lec.

americanus Wickh. 14-259

Flor. Mioc.

BUPRESTIDÆ

Ptosima Sol.

abyssa (Wickh.) 12a–19 Flor. Mioc.

schaefferi (Wickh.) 12a–18 sylvatica Wickh. 14a–441 Flor. Mioc. Flor. Mioc.

Dicerca Esch.

eurydice Wickh. 14a–438

Flor. Mioc.

Buprestis L.

florissantensis Wickh. 14a-438 Flor. Mioc. B. C. Mioc. B. C. Mioc. saxigena Scudd. 79–181B sepulta Scudd. 79–181B scudderi Wickh. 14a–439 tertiaria Scudd. 79–180B Flor. Mioc. B. C. Mioc.

Melanophila Esch.

cockerellæ Wickh. 12a–17

Flor. Mioc. handlirschi Wickh. 12a-17 Flor. Mioc. heeri Wickh. 14–260 Flor. Mioc.

Anthaxia Esch.

exhumata Wickh. 13a-292

Flor. Mioc.

Chrysobothris Esch.

coloradensis Wickh. 14a-441 Flor. Mioc. Flor. Mioc. gahani Ckll. 11-72 haydeni Scudd. 76–80 Flor. Mioc. suppressa Wickh. 14a-440 Flor. Mioc.

Agrilus Steph.

præpolitus Wickh. 14a–442 Flor. Mioc.

Brachyspathus Wickh. 17-466

curiosus Wickh. 17-466 Flor. Mioc.

Buprestites Heer 47-128

hecri Scudd. 00-99 Greenl. Eoc. syn. agriloides Heer 83-144

**PSEPHENIDÆ** 

Psephenus Hald.

lutulentus Scudd. 00-94

Flor. Mioc.

DRYOPIDÆ

Lutrochites Wickh. 12a-16

Helichus Er.

lecontei Wickh. 12a-16

Flor. Mioc.

eruptus (Wickh.) 11-56

Flor. Mioc.

tenuior (Wickh.) 12a-16

Flor. Mioc.

DASCILLIDÆ

Scaptolenopsis Wickh. 14-263

lithographus (Wickh.) 11–57 Flor. Mioc. syn. wilmattæ Wickh. 14-263 Flor. Mioc.

Protacnæus Wickh. 14a-435

tenuicornis Wickh. 14a-436 Flor. Mioc.

Ectopria Lec.

laticollis Wickh. 13–15

Flor. Mioc.

HELODIDÆ

Miocyphon Wickh. 14a-436

punctulatus Wickh. 14a-437

Flor. Mioc.

CHELONARIIDÆ

Chelonarium Fab.

montanum Wickh. 14a-434

Flor. Mioc.

#### DERMESTIDÆ

Dermestes L.

Orphilus Er.

tertiarius Wickh. 12a-14

Flor. Mioc.

dubius Wickh. 12a-15

Flor. Mioc.

Attagenus Latr.

aboriginalis Wickh. 13b-361 sopitus Scudd. 00-85

Flor. Mioc. Flor. Mioc.

BYRRHIDÆ

Nosotetocus Scudd. 92a-16

Cytilus Er.

debilis Scudd. 00-90

Flor. Mioc.

tartarinus Scudd. 00-91

Flor. Mioc.

marcovi Scudd. 92a-17

tritavum Scudd. 90-499

Flor. Mioc.

Byrrhus L. ottawaensis Scudd. 92-40

vespertinus Scudd. 00-90

Flor. Mioc.

romingeri Scudd. 00-93

Can. Pleist. Flor. Mioc.

Nosodendron Latr.

G. R. Eoc.

Amphicyrta Er. inhæsa Scudd. 00-91

Flor. Mioc.

OSTOMIDÆ

Trogosita Oliv.

Ostoma Laich.

insignis Heer 68-129

Greenl. Eoc.

laminata (Wickh.) 10-48

Flor. Mioc.

Tenebroides Pill. & Mitt.

corrugata Wickh. 13a-291

Flor. Mioc.

#### NITIDULIDÆ

Amartus Lec.

Prometopia Er.

petrefactus Wickh. 12a-15

Flor. Mioc.

depilis Scudd. 77a-278

incapax Scudd. 76-80

B. C. Mioc.

G. R. Eoc.

Colopterus Er.

pygidialis (Wickh.) 13–13

Flor. Mioc.

Phenolia Er.

Carpophilus Steph. restructus Scudd. 00-86

Flor, Mioc.

Miophenolia Wickh. 16-7

Nitidula Fab.

Flor. Mioc.

cilipes Wickh. 16-7

Flor. Mioc.

prior Scudd. 00-87

Cychramites Wickh. 13-14

Epanuræa Scudd. 00–86

ingenita Scudd. 93 pl. 1, 00-87 Flor. Mioc. hirtus Wickh. 13-14

Flor. Mioc.

#### CUCUJIDÆ

Pediacus Shuck.

coloradensis Wickh. 14-258

Flor. Mioc.

periclitans Scudd. 00-82

Flor. Mioc.

gravis Scudd. 00-83

Flor. Mioc.

Lithocoryne Scudd. 00-83

vestitus (Scudd.) 90-501

Laemophloeus Thoms.

arcuata Wickh. 13a-290 Flor. Mioc.

G. R. Eoc.

#### **EROTYLIDÆ**

Tritoma Fab.

binotata (Scudd.) 78–763

G. R. Eoc.

materna (Wickh.) 12a–13 petrefacta (Wickh.) 16–6

Flor. Mioc. Flor. Mioc.

Triplax Hbst.

submersa (Wickh.) 12a-13

Flor. Mioc.

diluviana (Wickh.) 14a-430

Flor. Mioc.

**CRYPTOPHAGIDÆ** 

Antherophagus Latr.

Cryptophagus Hbst.

megalops Wickh. 13b-360 priscus Scudd. 76–79

Flor. Mioc. G. R. Eoc.

bassleri Wickh. 13a-290 petricola Wickh. 16-7 scudderi Wickh. 14a-432

Flor. Mioc. Flor. Mioc. Flor. Mioc.

#### **MYCETOPHAGIDÆ**

#### Mycetophagus Hellw.

exterminatus Wickh. 13-13

willistoni Wickh. 13-12

Flor. Mioc. Flor. Mioc.

#### COLYDIIDÆ

Rhagoderidea Wickh. 14a-430

Flor. Mioc.

Phleeonemites Wickh. 12a-13

Chilocorus Leach.

Capnochroa Lec.

Cistelites Heer 65-89

Flor. Mioc.

Eucicones Sharp.

oblongopunctata (Wickh.) 13-12 Flor. Mioc.

#### LATHRIDIID Æ

Corticaria Marsh.

æterna Wickh. 14-259 egregia Wickh. 14a-433

striata Wickh. 14a-431

Flor. Mioc. Flor. Mioc. occlusa Wickh. 14a-433

miocenus Wickli. 12a-14

Flor. Mioc.

petrefacta Wickh. 13-14

Flor. Mioc.

#### COCCINELLIDÆ

Coccinella L.

florissantensis Wickh. 14a-429

Flor. Mioc.

Anatis Muls. resurgens Wickh. 17-465

Flor. Mioc.

sodoma Wickh. 13b–360

Flor. Mioc.

Adalia Muls.

subversa Scudd. 00–80

Flor. Mioc.

ulkei Scudd. 00–81

Flor. Mioc.

#### ALLECULIDÆ

Hymenorus Muls.

haydeni Wickh. 14a-486 Flor. Mioc. senilis Wickh. 13b-365

Flor. Mioc.

Pseudocistela Cr.

vulcanica (Wickh.) 14a-485

antiqua (Wickh.) 13b-365

Flor. Mioc.

Flor. Mioc.

minor Heer 74–25 punctulatus Heer 70a-484

Greenl. Eoc. Greenl. Eoc.

Isomira Muls.

aurora Wickh: 14-268

Flor. Mioc.

florissantensis Wickh. 14a-486

Flor. Mioc.

#### TENEBRIONIDÆ

Miostenosis Wickh. 13a-297

lacordairei Wickh. 13a-297 Flor. Mioc.

Pactostoma Lec.

Flor. Mioc. prima (Wickh.) 10-51

Eleodes Esch.

grandicollis elongata (Grinnell) 08-215

Cal. Pleist.

Cal. Plcist. bchri Grinnell 08–213 syn. intermedia Grinnell 08–215 Cal. Pleist.

Ulus Horn

minutus Wickh. 14-266 Flor. Mioc.

Blapstinus Latr.

linellii Wickh. 13a-298 Flor. Mioc.

Ephalus Lec.

adumbratus Scudd. 93 pl. 1, 00-115

Flor. Mioc.

Proteleates Wickh. 14-267

centralis Wickh. 14-267

Flor. Mioc.

Platydema Cast. & Brulle

antiquorum Wickh. 12a-32

Flor. Mioc.

bethunei Wickh. 13a-299

Flor. Mioc.

Tenebrio Linn.

calculensis Scudd. 92-31

Can. Pleist. B. C. Mioc.

primigenius Scudd. 79–183B

Helops Fab.

wetteravicus Heer 83-145

Greenl. Eoc.

Meracantha Kby.

lacustris Wickh. 09–129

Flor. Mioc.

Protoplatycera Wickh. 14a-484

laticornis Wickh. 14a–484 Flor, Mioc.

#### **MELANDRYIDÆ**

#### Synchroa Newn.

quiescens Wickh. 11-62

Flor. Mioc.

#### ANOBIIDÆ

Xestobium Mots. Gastrallanobium Wickh. 14-261 subconfusum Wickh. 14-261 Flor. Mioc. alutaceum Wickh. 13b-363 Flor. Mioc. Ernobius Thoms. Anobium Fab. effetus Wickh. 14a-450 Flor. Mioc. deceptum Scudd. 78a–763 G. R. Eoc. durescens Scudd. 93 pl. 1, 00–103 Flor. Mioc. lignitum Scudd. 78a–763 G. R. Eoc. Oligomerus Redt. breviusculus Wickh. 16-8 Flor. Mioc. ovale Scudd. 78a-762 Flor. Mioc. Flor. Mioc. G. R. Eoc. duratus Wickh. 14a-451 florissantensis Wickh. 14a-451 Vrilletta Lec. Sitodrepa Thoms. Flor. Mioc. Flor. Mioc. monstrosa Wickh. 17–468 tenuistriata Wickh. 13–16 G. R. Eoc. defuncta Scudd. 76–82

#### BOSTRICHIDÆ

| <b>Xylobiops</b> Csy    | y.          | Protapate Wickh.         | 12a-20      |
|-------------------------|-------------|--------------------------|-------------|
| lacustre Wickh. 12a–21  | Flor. Mioc. | contorta Wickh. 12a–20   | Flor. Mioc. |
| Amphicerus L            | ec.         | Dinoderus Ste            | eph.        |
| sublævis Wickh. 14a–452 | Flor. Mioc. | cuneicollis Wickh. 13–16 | Flor. Mioc. |

#### SCARABÆIDÆ

| <b>Chœridium</b> Serv                                  | ·.            | Serica MacL.                                       |             |
|--------------------------------------------------------|---------------|----------------------------------------------------|-------------|
| cbeninum Horn 76–244                                   | P. K. Pleist. | antediluviana Wickh. 12a-23                        | Flor. Mioc. |
| Phanæus MacL                                           |               | cockerelli Wickh. 14–262                           | Flor. Mioc. |
| antiquus Horn 76–245                                   | P. K. Pleist. | Diplotaxis Kby.                                    |             |
| Ægialia Latr.                                          |               | aurora Wickh. 13a–294<br>simplicipes Wickh. 12a–25 |             |
| rupta Scudd. 90–489                                    | G. R. Eoc.    |                                                    |             |
| Aphodius Ill.                                          |               | Phyllophaga Hari                                   | ris         |
| aboriginalis Wickh. 12a–22                             | Flor. Mioc.   | extineta (Wickh.) 16–9                             | Flor. Mioc. |
| florissantensis Wickh. 11–59                           | Flor. Mioc.   | Listrochelus Bland                                 | ch.         |
| granarioides Wickh. 13a–293<br>inundatus Wickh. 14–262 | Flor. Mioc.   | puerilis Wickh. 14a–459                            | Flor. Mioc. |
| laminicola Wickh. 10–49                                | Flor. Mioc.   | Miolachnosterna Wickh                              | . 14a-458   |
| mediævus Wickh. 14a–455                                | Flor. Mioc.   | tristoides Wickh. 14a–458                          | Flor. Mioc. |
| præemptor Wickh. 13–17                                 | Flor. Mioc.   |                                                    |             |
| precursor Horn 76–245                                  | P. K. Pleist. | Macrodactylus La                                   | itr.        |
| senex Wickh. 14a–456                                   | Flor. Mioc.   | pluto Wickh. 12a–24                                | Flor. Mioc. |
| shoshonis Wickh. 12a–23                                | Flor. Mioc.   | propheticus Wickh. 12a–25                          | Flor. Mioc. |
| Oxyomus Cast.                                          |               | Hoplia Ill.                                        |             |
| nearcticus Wickh. 14a–453                              | Flor. Mioc.   | striatipennis Wickh. 14a–457                       | Flor. Mioc. |
| Atænius Harold                                         |               | Anomala Sam.                                       |             |
| patescens Scudd. 93 pl. 1, 00-104                      |               | exterranea Wickh. 14a-459                          | Flor. Mioc. |
| restructus (Wickh.) 12a–22                             | Flor. Mioc.   | scudderi Wickh. 14a–460                            | Flor. Mioc. |
| Amphicoma Lati                                         | r <b>.</b>    | Ligyrus Burm.                                      |             |
| defuncta Wickh. 10–49                                  | Flor. Mioc.   | compositus Wickh. 11–59                            | Flor. Mioc. |
| Trox Fab.                                              |               | effetus Wickh. 14a–461                             | Flor. Mioc. |
| antiquus Wickh. 09-129                                 | Flor. Mioc.   | Strategus Hope                                     |             |
| oustaleti Scudd. 79–179B                               | B. C. Mioc.   | cessatus Wickh. 14a-461                            | Flor. Mioc. |

Galerucella Cr.

picea Scudd. 79–182B B. C. Mioc.

| LUCANIDÆ                                                                                            |                              |                                                                                  |                                           |
|-----------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------|-------------------------------------------|
| <b>Lucanus</b> Scop. fossilis Wickh. 13a–293                                                        | Flor. Mioc.                  | <b>Ceruchus</b> MacL<br>fuchsii Wickh. 11–58                                     |                                           |
|                                                                                                     | CERAM                        | BYCIDÆ                                                                           |                                           |
| Palæosmodicum Wickh. hamiltoni Wickh. 14-264                                                        |                              | Callidiopsites Wickh. 1<br>grandiceps Wickh. 13b-364                             |                                           |
| Spondylis Fab. florissantensis Wickh. n.m. syn. tertiarius Wickh. 17–469                            |                              | Phymatodes Mu<br>miocenicus Wickh. 14a–462<br>volans Beutenm. & Ckll. 08–68      | ls.<br>Flor. Mioc.<br>Flor. Mioc.         |
| Dryobius Lec.                                                                                       |                              | Clytus Laich                                                                     |                                           |
| miocenicus Beutchm. & Ckll. 08-                                                                     | -68<br>Flor. Mioc.           | florissantensis Wickh. 14a–464                                                   |                                           |
| Elaphidion Serv<br>extinctum Wickh. 14a–463<br>fracticorne Wickh. 11–60                             | Flor, Mioc.                  | Stenosphenus Ha pristinus Wickh. 14a–463                                         | Flor. Mioc.                               |
| Gaurotes Lec.                                                                                       |                              | Protipochus Wickh. 1                                                             |                                           |
| striatopunctatus Wickh. 14a–465                                                                     | Flor, Mioc.                  | vandykci Wickh. 14a–468                                                          |                                           |
| Leptura L.                                                                                          |                              | Acanthoderes Ser                                                                 |                                           |
| antequirens Wield 13a_205                                                                           | Flor. Mioc.                  | lengii Wickh. 14–265                                                             | Flor. Mioc.                               |
| ingenua Wickh. 14a–467                                                                              | Flor. Mioc.                  | Leptostylus Leo                                                                  | ·                                         |
| leidyi Wickh. 13b–364                                                                               | Flor. Mioc.                  | scudderi Wickh. 14a–469                                                          |                                           |
| ingenua Wickh. 14a–467<br>leidyi Wickh. 13b–364<br>nanella Wickh. 14a–466<br>petrorum Wickh. 12a–26 | Flor. Mioc.<br>Flor. Mioc.   | Parolamia Scudd. 78                                                              |                                           |
| ponderosissima Wickh. 13a–295                                                                       |                              | rudis Scudd. 78–530                                                              |                                           |
| Callimoxys Kr.                                                                                      |                              | Protoncideres Wickh.                                                             |                                           |
| primordialis Wickh. 11-61                                                                           | Flor. Mioc.                  | primus Wickh. 13–18                                                              |                                           |
| Hylotrupes Serv                                                                                     | <b>.</b>                     |                                                                                  | rior, whoe.                               |
| puncticollis Wickh. 14–264                                                                          |                              | Saperda Fab.                                                                     |                                           |
| · Callidium Fab.                                                                                    |                              | florissantensis Wickh. 16–10                                                     | Flor. Mioc.                               |
| grandævum Wickh. 17–469                                                                             |                              | lesquereuxi Ckll. 16–105<br>submersa Ckll. 08b–75                                | Flor. Mioc. Flor. Mioc.                   |
| <b>Donacia</b> Fab.                                                                                 | CHRYSO                       | OMELIDÆ  Colaspis Fab.                                                           |                                           |
| elongatula Scudd. 98-745: 00-108                                                                    | Mass. Pleist.                | ætatis Wickh. 11–61                                                              | Flor. Mioc.                               |
| pompatica Scudd. 90–486                                                                             | Scar. Pleist.                | diluvialis Wickh. 14a–471                                                        | Flor. Mioc.                               |
| primæva Wickh. 12a–26<br>stiria Scudd. 90–486                                                       | Flor. Mioc.<br>Scar. Pleist. | luti Scudd. 93–pl. 1, 00–109<br>proserpina Wickh. 14a–472                        | Flor. Mioc.<br>Flor. Mioc.                |
| stirioides Wickh. 17a–145                                                                           | Ill. Pleist.                 | Metachroma Le                                                                    |                                           |
| Lema Fab.                                                                                           |                              | florissantensis Wickh. 12a-28                                                    | e.<br>Flor, Mioc.                         |
| evanescens Wickh. 10–50                                                                             | Flor. Mioc.                  | _                                                                                |                                           |
| fortior Wickh. 14a–470<br>lesquereuxi Wickh. 14–266                                                 | Flor. Mioc.<br>Flor. Mioc.   | Chrysomela L.<br>vesperalis Scudd. 93-pl. 2, 00-110                              |                                           |
| Crioceridea Wickh. 1                                                                                | 2a-2 <b>7</b>                | Chrysomelites Heer                                                               | 65-89                                     |
| dubia Wickh. 12a–27                                                                                 | Flor. Mioc.                  | alaskanus Heer 69–39                                                             | Alask. Olig.                              |
| Saxinis Lac.                                                                                        |                              | fabricii Heer 68–129<br>lindhageni Heer 70–76                                    | Greenl. Eoc. Greenl. Eoc.                 |
| regularis Scudd. 98–745: 00–108                                                                     | Mass. Pleist.                |                                                                                  |                                           |
| Cryptocephalus G                                                                                    |                              | Trirhabda Lee.                                                                   |                                           |
| iniocenus Wickh. 13–18<br>vetustus Scudd, 78a–764                                                   | Flor. Mioc.<br>G. R. Eoc.    | majuscula Wickh. 14a–475<br>megacephala Wickh. 14a–475<br>sepulta Wickh. 14a–474 | Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc. |
|                                                                                                     |                              |                                                                                  |                                           |

Cryptocephalites Scudd. 92-33 punctatus Scudd. 92–33 B. C. Mioc.

| Diabrotica Ch                                       | ev.                        | Haltica Geoff                  |             |
|-----------------------------------------------------|----------------------------|--------------------------------|-------------|
| bowditchiana Wickh. 14a–473                         | Flor. Mioc.                | renovata Wickh. 14a–476        | Flor. Mioc. |
| excsa Wickh. 11–62<br>florissantella Wickh. 14a–474 | Flor. Mioc.<br>Flor. Mioc. | Prochætocnema Wickh.           | 14a-478     |
| utcana Wickh. 14a–473                               | Flor. Mioc.                | florissantella Wickh. 14a–478  | Flor. Mioc. |
| Luperodes Mo                                        | ets.                       | Systena Clark                  |             |
| submonilis Wickh. 14–266                            | Flor. Mioc.                | florissantensis Wickh. 13a-296 | Flor. Mioc. |
| Oryctoscirtetes Scuo                                |                            | Chalepus Thun                  | b.          |
| protogæum Scudd. 76–83                              | Flor. Mioc.                | americanus (Wickh.) 14a-479    | Flor. Mioc. |
| Plectrotetrophanes, Wic                             | ekh. 14a–477               |                                |             |
| hageni Wickh. 14a–477                               | Flor. Mioc.                | ,                              |             |

### MYLABRIDÆ

| Mylabris Müll.                                                                                                                                   |                                                               | osborni (Wickh.) 12a–32                                                                                                                     | Flor. Mioc.                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| aboriginalis (Wickh.) 14a–482<br>anilis (Scudd.) 76–82<br>antæus (Wickh.) 17–470<br>bowditchi (Wickh.) 12a–30<br>carpophiloides (Wickh.) 14a–482 | Flor. Mioc. White R. Eoc. Flor. Mioc. Flor. Mioc. Flor. Mioc. | primoticus (Wickh.) 14a–480<br>scudderi (Wickh.) 12a–31<br>submersus (Wickh.) 14a–481<br>succintus (Wickh.) 13–19<br>wilsoni (Wickh.) 13–19 | Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc. |
| dormescens (Wickh.) 13a–297<br>exhumatus (Wickh.) 12a–29                                                                                         | Flor. Mioc. Flor. Mioc.                                       | Spermophagus Sch                                                                                                                            | ön.                                                                     |
| florissantensis (Wickh.) 12a–30<br>haywardi (Wickh.) 12a–31<br>henshawi (Wickh.) 12a–28                                                          | Flor. Mioc.<br>Flor. Mioc.<br>Flor. Mioc.                     | vivificatus Scudd. 76–82<br>pluto Wickh. 14a–480                                                                                            | Flor. Mioc. Flor. Mioc.                                                 |

| PLATYSTOMIDÆ                                     |                           |                                                                                    |                                    |
|--------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|------------------------------------|
| Ormiscus Waterl                                  |                           | Euparius Schön                                                                     |                                    |
| Saperdirhynchus Scudd                            |                           | adumbratus (Wickh.) 11–69<br>arcessitus (Scudd.) 93–165<br>elusus (Scudd.) 78a–768 | Flor. Mioc. Flor. Mioc. G. R. Eoc. |
| priscotitillator Scudd. 93–161  Tropideres Schön | Flor. Mioc.<br>1.         | repertus (Scudd.) 78a-768  Brachytarsus Sch                                        | G. R. Eoc.                         |
| remotus Scudd. 93–162<br>vastatus Scudd. 93–162  | G. R. Eoc.<br>Flor. Mioc. | dubius Wickh. 13–27<br>pristinus Scudd. 76–87                                      | Flor. Mioc.<br>G. R. Eoc.          |
| Stiraderes Scudd. 93<br>conradi Scudd. 93–163    | -163<br>Flor. Mioc.       | Choragus Kby.                                                                      |                                    |
| Anthribus Geoffi<br>sordidus Scudd. 93–165       | r.<br>Flor. Mioc.         | fietilis Seudd. 90–465                                                             | G. R. Eoc.                         |

#### CURCULIONIDÆ

| Masteutes Scudd.             | 93–12       | Rhynchites H                                      | bst.                       |
|------------------------------|-------------|---------------------------------------------------|----------------------------|
| rupis Scudd. 93–12           | Flor. Mioc. | laminarum Wickh. 16–11                            | Flor. Mioc.                |
| saxifer Scudd. 93–13         | Flor. Mioc. | subterraneus Scudd. 93–15                         | Flor. Mioc.                |
| Auletes Schö                 | n.          | vulcan Wickh. 16–10                               | Flor. Mioc.                |
| florissantensis Wickh. 13–22 | Flor. Mioc. | Paltorhynchus Scude                               | d. 93–18                   |
| wymani Scudd. 93–13          | Flor. Mioc. | bisulcatus Scudd. 93–19                           | Roan Mt. Eoc.              |
| Eugnamptus Se                | hön.        | narwhal Scudd. 93–18<br>rectirostris Scudd. 93–19 | Flor. Mioc.<br>Flor. Mioc. |
| decemsatus Scudd. 78a-764    | G. R. Eoc.  | Isothea Scudd. 9                                  | 93-20                      |
| grandævus Scudd. 76–83       | G. R. Eoc.  | alleni Scudd. 93–20                               | Flor. Mioc.                |
| Eugnamptidea Wick            | kh. 12–42   | <b>Trypano</b> rhynchus Sc                        | eudd. 93–21                |
| robusta Wickh. 16–12         | Flor. Mioc. | corruptivus Scudd. 93–22                          | Flor. Mioc.                |
| tertiaria Wickh. 12-42       | Flor. Mioc. | depratus Scudd. 93-22                             | Flor. Mioc.                |

| exilis Wickh. 13–23                                  | Flor. Mioc.                    | <b>Lachnopus</b> Schö                                   | n.                             |
|------------------------------------------------------|--------------------------------|---------------------------------------------------------|--------------------------------|
| minutissimus Wickh. 13–22                            | Flor. Mioc.                    | humatus Scudd. 93–53                                    | Flor. Mioc.                    |
| obliquus Wickh. 13–23<br>sedatus Scudd. 93–22        | Flor. Mioc.<br>Flor. Mioc.     | recuperatus Scudd. 93–52                                | Flor. Mioc.                    |
| Docirhynchus Scudd.                                  |                                | Evopes Scudd. 93-                                       |                                |
| culex Scudd. 93–25                                   | Flor. Mioc.                    | occubatus Scudd. 93–55<br>veneratus Scudd. 93–54        | Flor. Mioc.<br>Flor. Mioc.     |
| ibis Wickh. 12a–34                                   | Flor. Mioc.                    |                                                         |                                |
| terebrans Scudd. 93–24                               | Flor. Mioc.                    | Scythropus Schö                                         |                                |
| Teretrum Scudd. 9                                    | 3–25                           | abacus Scudd. 93–60<br>somniculosus Scudd. 93–60        | White R. Eoc.<br>Roan Mt. Eoc. |
|                                                      | Flor. Mioc.                    | subterraneus Scudd. 93–59                               | G. R. Eoc.                     |
| quiescitum Scudd. 93–26                              |                                | Hormorus Horn                                           |                                |
| Toxorhynchus Seudd                                   |                                |                                                         | Flor. Mioc.                    |
| grandis Wickh. 11–63<br>minusculus Scudd. 93–27      | Flor. Mioc.<br>Flor. Mioc.     | <b>Epicærus</b> Schön                                   |                                |
| oculatus Scudd. 93–27                                | Flor. Mioc.                    | effossus Scudd. 76–85                                   | G. R. Eoc.                     |
| Steganus Scudd. 93                                   | 3–28                           | exanimus Scudd. 76–85<br>saxatilis Scudd. 76–84         | G. R. Eoc.                     |
| barrandei Scudd. 93–28                               | Roan Mt. Eoc.                  |                                                         |                                |
| Apion Hbst.                                          |                                | Omileus Horn<br>evanidus Scudd. 93–55                   |                                |
| cockerelli Wickh. 11–65                              | Flor. Mioc.                    |                                                         | Flor. Mioc.                    |
| confectum Scudd. 93–82                               | Flor. Mioc.                    | Artipus Sahlb.                                          | •                              |
| curiosum Scudd. 93–83                                | Flor. Mioc.                    | receptus Scudd. 93–51                                   | White R. Eoc.                  |
| evestigatum Scudd. 93–84<br>exanimale Scudd. 93–84   | Roan Mt. Eoc. Flor. Mioc.      | Barypeithes Ja qI                                       |                                |
| florissantensis Wickh. 16–12                         | Flor. Mioc.                    | obdurefactus (Scudd.) 93-40                             |                                |
| pumilum Scudd. 93–82                                 | Flor. Mioc.                    | Trigonoscuta Mo                                         |                                |
| refrenatum Scudd. 93–85<br>scudderianum Wickh. 16–13 | Flor. Mioc.<br>Flor. Mioc.     | inventa Scudd. 93–34                                    | Flor. Mioc.                    |
| smithii Scudd. 93–81                                 | Flor. Mioc.                    | Tenillus Scudd. 93                                      |                                |
| Phyxelis Schön                                       |                                | firmus Scudd. 93–35                                     | Flor. Mioc.                    |
| dilapsus Scudd. 93–41                                | G. R. Eoc.                     | Brachyrhinus La                                         | tr.                            |
| eradicatus Scudd. 93–43                              | Roan Mt. Eoc.                  | flaccus (Scudd.) 93–45                                  | Roan Mt. Eoc.                  |
| evigoratus Scudd. 93–42<br>excissus Scudd. 93–42     | White R. Eoc.<br>Roan Mt. Eoc. | perditus (Scudd.) 76–84<br>subteractus (Scudd.) 93–45   | G. R. Eoc.<br>Roan Mt. Eoc.    |
|                                                      |                                | tumbæ (Scudd.) 90–477                                   | G. R. Eoc.                     |
| Ophryastes Schö                                      |                                | syn. dubius (Scudd.) 78a–766                            |                                |
| championi Wickh. 12–44<br>compactus Scudd. 78a–765   | Flor. Mioc.<br>G. R. Eoc.      | Otiorhynchites Fritso                                   | h 82-5                         |
| grandis Scudd. 93–37                                 | Roan Mt. Eoc.                  | absentivus Scudd. 93–46                                 | Flor. Mioc.                    |
| petrarum Scudd. 93–37                                | Roan Mt. Eoc.                  | commutatus Scudd. 93–48<br>florissantensis Wickh. 11–64 | Roan Mt. Eoc. Flor. Mioc.      |
| Ophryastites Scudd.                                  | 93–38                          | fossilis Scudd. 93–47                                   | Wyo. Eoc.                      |
| absconsus Scudd. 93–39                               | Flor. Mioc.                    | tysoni Scudd. 93–47                                     | Roan Mt. Eoc.                  |
| cinereus Scudd. 93–39<br>digressus Scudd. 93–39      | Flor. Mioc.<br>White R. Eoc.   | Entimus Germ                                            |                                |
| dispertitus Scudd. 93–40                             | Roan Mt. Eoc.                  | primordialis Scudd. 76–84                               | White R. Eoc.                  |
| hendersoni Ckll. 16–105<br>miocenus Wickh. 12–44     | Colo. Eoc.<br>Flor. Mioc.      | Syntomostylus Scude                                     | l. 93–50                       |
| Eudiagogus Scho                                      |                                | rudis Scudd. 93–50                                      | Roan Mt. Eoc.                  |
| terrosus Scudd. 78a-766                              | G. R. Eoc.                     | fortis Ckll. 09–447                                     | G. R. Eoc.                     |
| Eudomus Scudd. 9                                     |                                | Phyllobius Gern                                         | ı.                             |
| pinguis Scudd. 93–63                                 | Flor. Mioc.                    | antecessor Scudd. 93-57                                 | Roan Mt. Eoc.                  |
| robustus Scudd. 93–62                                | Flor. Mioc.                    | avus Scudd. 93–58<br>carcerarius Scudd. 93–57           | White R. Eoc. White R. Eoc.    |
| Eucryptus Scudd. 9                                   | 93–63                          |                                                         | . vviitte it. Eoc.             |
| sectus Scudd. 93–64                                  | Flor. Mioc.                    | Sitona Germ.                                            | TN 7v / (* -                   |
| Tanymecus Ger                                        | ın.                            | exitiorum Scudd. 93–67<br>fodinarum Scudd. 93–67        | Flor. Mioc.<br>G. R. Eoc.      |
| seculorum Scudd. 90–475                              | G. R. Eoc.                     | paginarum Scudd. 93–68                                  | Roan Mt. Eoc.                  |
| Pandeleteius Schö                                    |                                | Centron Scudd. 93                                       | -69                            |
| nudus (Wickh.) 17–470                                | Flor. Mioc.                    | moricollis Scudd. 93–70                                 | Flor. Mioc.                    |
| Cyphus Germ.                                         |                                | Limalophus Scudd.                                       |                                |
| florissantensis Wickh. 14a–493                       | Flor. Mioc.                    | compositus Scudd. 93–71                                 | G. R. Eoc.                     |
| subterraneus Wickh. 11-64                            | Flor. Mioc.                    | contractus Scudd. 93–72                                 | G. R. Eoc.                     |

| Coniatus Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                               | Balaninus Geri                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | n.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| differens Wickh. 12–46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | anicularis Scudd. 93–142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| evisceratus Scudd. 93–78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | becklyi Ckll. 18–307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Colo. Eoc.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| refractus Scudd. 93–79                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | White R. Eoc.                                                                                                                                                                                                                                                                                                                                 | duttoni Scudd. 93–144                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Caralanhua Saudd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1279                                                                                                                                                                                                                                                                                                                                          | extinctus (Wickh.) 12–53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Geralophus Scudd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                               | femoratus Scudd. 93–143                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| antiquarius Scudd. 93–74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Flor. Mioc.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                                                    | flexirostris Scudd. 93–144<br>florissantensis Wickh. 13–26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Flor. Mioc.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                             |
| discessus Scudd. 93–77<br>fossicius Scudd. 93–75                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | minusculus Scudd. 93–143                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| lassatus Scudd. 93–76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | minusculoides Wickh. 11–67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| occultus (Scudd.) 76–87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | restrictus Scudd. 93–142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| pumiceus Scudd. 93–77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | Macrorhoptus I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9.0                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| repositus Scudd. 93–76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | intutus Scudd. 93–118                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| retritus Scudd. 93–77<br>saxuosus Scudd. 93–75                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Flor. Mioc.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| saxuosus Scudd. 95-75<br>scudderi Wickh. 11-65                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | Anthonomus Ge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | rm.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Scudden Wickin. 11 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 101. 1.1100.                                                                                                                                                                                                                                                                                                                                | arctus Scudd. 93–113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Lepyrus</b> Germ.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                               | concussus Scudd. 93–113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| evictus Scudd. 93–88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | G. R. Eoc.                                                                                                                                                                                                                                                                                                                                    | corruptus Scudd. 93–114                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Flor. Mioc.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                             |
| Listronotus Jel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                               | debilatus Scudd. 93–112<br>defossus Scudd. 76–86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | G. R. Eoc.                                                                                                                                                                                                                                                                                                                                    | cversus Scudd. 00a–88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tor. Pleist.                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                               | evigilatus Scudd. 93–112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Pachylobius Lec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                               | fossilis Scudd. 00a–88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tor. Pleist.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| compressus Scudd. 93–90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Roan Mt. Eoc.                                                                                                                                                                                                                                                                                                                                 | lapsus Scudd. 00a–89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tor. Pleist.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| deleticius Scudd. 93–90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | White R. Eoc.                                                                                                                                                                                                                                                                                                                                 | primordius Scudd. 93–112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flor. Mioc. Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                |
| deprædatus Scudd. 93–91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Roan Mt. Eoc.                                                                                                                                                                                                                                                                                                                                 | principalis (Scudd.) 93–109<br>requiescens (Scudd.) 93–109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Hylobius Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                               | reventus Scudd. 93–114                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| lacoei Scudd. 93–92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | revictus Scudd. 93–117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| packardi Scudd. 93–92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | G. R. Eoc.                                                                                                                                                                                                                                                                                                                                    | rohweri Wickh. 12–48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| provectus Scudd. 76–86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | G. R. Eoc.                                                                                                                                                                                                                                                                                                                                    | soporus Scudd. 90–472                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | G. R. Eoc.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Hylobiites Scudd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 92-30                                                                                                                                                                                                                                                                                                                                         | Cremastorhynchus Scu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dd. 93–110                                                                                                                                                                                                                                                                                                                                                                                                                             |
| cretaceus Scudd. 92–30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Man. Cret.                                                                                                                                                                                                                                                                                                                                    | stabilis Scudd. 93–110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Laccopygus Scudd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 93-93                                                                                                                                                                                                                                                                                                                                         | Orchestes Ill.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Laccopygus Scudd. nilesii Scudd. 93-94                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                               | avus Scudd. 00a–89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tor. Pleist.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| nilesii Scudd. 93-94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tor. Pleist.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| nilesii Scudd. 93-94  Dorytomus Geri                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | avus Scudd. 00a–89<br>languidulus Scudd. 93–117<br><b>Acalyptus</b> Schö                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tor. Pleist.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                            |
| nilesii Scudd. 93–94  Dorytomus Gerr coercitus Scudd. 93–99                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Flor. Mioc.                                                                                                                                                                                                                                                                                                                                   | avus Scudd. 00a–89<br>languidulus Scudd. 93–117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tor. Pleist.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                                            |
| nilesii Scudd. 93–94  Dorytomus Gern coercitus Scudd. 93–99 williamsi Scudd. 93–99                                                                                                                                                                                                                                                                                                                                                                                                                                 | Flor. Mioc.<br>n.<br>Flor. Mioc.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                               | avus Scudd. 00a–89<br>languidulus Scudd. 93–117<br><b>Acalyptus</b> Schö                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tor. Pleist.<br>Flor. Mioc.<br>n.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                       |
| nilesii Scudd. 93–94  Dorytomus Gerrocoercitus Scudd. 93–99 williamsi Scudd. 93–99  Grypidius Schör                                                                                                                                                                                                                                                                                                                                                                                                                | Flor. Mioc.  Flor. Mioc. Flor. Mioc.                                                                                                                                                                                                                                                                                                          | avus Scudd. 00a–89<br>languidulus Scudd. 93–117<br>Acalyptus Schör<br>obtusus Scudd. 93–108<br>Prionomerus Schö                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tor. Pleist.<br>Flor. Mioc.<br>n.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                       |
| nilesii Scudd. 93–94  Dorytomus Gern coercitus Scudd. 93–99 williamsi Scudd. 93–99  Grypidius Schön curvirostris Scudd. 93–100                                                                                                                                                                                                                                                                                                                                                                                     | Flor. Mioc.<br>n.<br>Flor. Mioc.<br>Flor. Mioc.                                                                                                                                                                                                                                                                                               | avus Scudd. 00a-89<br>languidulus Scudd. 93-117<br>Acalyptus Schör<br>obtusus Scudd. 93-108<br>Prionomerus Schör<br>irvingii Scudd. 93-119                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tor. Pleist. Flor. Mioc. n. Flor. Mioc. ön. Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                |
| nilesii Scudd. 93-94  Dorytomus Gerrecoercitus Scudd. 93-99 williamsi Scudd. 93-99  Grypidius Schörecurvirostris Scudd. 93-100  Notaris Germ.                                                                                                                                                                                                                                                                                                                                                                      | Flor. Mioc.  Flor. Mioc. Flor. Mioc.  I.  Flor. Mioc.                                                                                                                                                                                                                                                                                         | avus Scudd. 00a-89<br>languidulus Scudd. 93-117  Acalyptus Schör<br>obtusus Scudd. 93-108  Prionomerus Schör<br>irvingii Scudd. 93-119  Gymnetron Schö                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                             |
| nilesii Scudd. 93–94  Dorytomus Gern coercitus Scudd. 93–99 williamsi Scudd. 93–99  Grypidius Schön curvirostris Scudd. 93–100  Notaris Germ. brevicollis (Scudd.) 93–101                                                                                                                                                                                                                                                                                                                                          | Flor. Mioc.  Flor. Mioc. Flor. Mioc.  Therefore Mioc.  Flor. Mioc.                                                                                                                                                                                                                                                                            | avus Scudd. 00a-89<br>languidulus Scudd. 93-117  Acalyptus Schör<br>obtusus Scudd. 93-108  Prionomerus Schör<br>irvingii Scudd. 93-119  Gymnetron Schör<br>antecurrens Scudd. 93-122                                                                                                                                                                                                                                                                                                                                                                                                                 | Tor. Pleist. Flor. Mioc. n. Flor. Mioc. ön. Flor. Mioc.                                                                                                                                                                                                                                                                                                                                                                                |
| nilesii Scudd. 93-94  Dorytomus Gerrecoercitus Scudd. 93-99 williamsi Scudd. 93-99  Grypidius Schörecurvirostris Scudd. 93-100  Notaris Germ.                                                                                                                                                                                                                                                                                                                                                                      | Flor. Mioc.  Flor. Mioc. Flor. Mioc.  I.  Flor. Mioc.                                                                                                                                                                                                                                                                                         | avus Scudd. 00a-89<br>languidulus Scudd. 93-117  Acalyptus Schör<br>obtusus Scudd. 93-108  Prionomerus Schör<br>irvingii Scudd. 93-119  Gymnetron Schör<br>antecurrens Scudd. 93-122<br>lccontei Scudd. 78a-767                                                                                                                                                                                                                                                                                                                                                                                      | Tor. Pleist. Flor. Mioc. n. Flor. Mioc. on. Flor. Mioc. on. Flor. Mioc. on. G. R. Eoc.                                                                                                                                                                                                                                                                                                                                                 |
| nilesii Scudd. 93–94  Dorytomus Gern coercitus Scudd. 93–99 williamsi Scudd. 93–99  Grypidius Schön curvirostris Scudd. 93–100  Notaris Germ. brevicollis (Scudd.) 93–101                                                                                                                                                                                                                                                                                                                                          | Flor. Mioc.  Flor. Mioc. Flor. Mioc.  Therefore Mioc.  Flor. Mioc.                                                                                                                                                                                                                                                                            | avus Scudd. 00a-89<br>languidulus Scudd. 93-117  Acalyptus Schör<br>obtusus Scudd. 93-108  Prionomerus Schör<br>irvingii Scudd. 93-119  Gymnetron Schör<br>antecurrens Scudd. 93-122<br>lccontei Scudd. 78a-767  Cleonus Schön                                                                                                                                                                                                                                                                                                                                                                       | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc.  on. G. R. Eoc.                                                                                                                                                                                                                                                                                                                                             |
| nilesii Scudd. 93–94  Dorytomus Gerr coercitus Scudd. 93–99 williamsi Scudd. 93–99  Grypidius Schör curvirostris Scudd. 93–100  Notaris Germ. brevicollis (Scudd.) 93–101 consumptus (Scudd.) 00a–87  Procas Steph. verberatus Scudd. 93–103                                                                                                                                                                                                                                                                       | Flor. Mioc.  Flor. Mioc. Flor. Mioc.  Tor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.                                                                                                                                                                                                                             | avus Scudd. 00a–89 languidulus Scudd. 93–117  Acalyptus Schör obtusus Scudd. 93–108  Prionomerus Schör irvingii Scudd. 93–119  Gymnetron Schör antecurrens Scudd. 93–122 lccontei Scudd. 78a–767  Cleonus Schön degeneratus Scudd. 93–98                                                                                                                                                                                                                                                                                                                                                             | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc.  G. R. Eoc.  Flor. Mioc.                                                                                                                                                                                                                                                                                                                                    |
| nilesii Scudd. 93-94  Dorytomus Gern coercitus Scudd. 93-99 williamsi Scudd. 93-99  Grypidius Schön curvirostris Scudd. 93-100  Notaris Germ. brevicollis (Scudd.) 93-101 consumptus (Scudd.) 00a-87  Procas Steph.                                                                                                                                                                                                                                                                                                | Flor. Mioc.  Flor. Mioc. Flor. Mioc.  Tor. Mioc.  Flor. Mioc.  Tor. Pleist.                                                                                                                                                                                                                                                                   | avus Scudd. 00a-89<br>languidulus Scudd. 93-117  Acalyptus Schör<br>obtusus Scudd. 93-108  Prionomerus Schör<br>irvingii Scudd. 93-119  Gymnetron Schör<br>antecurrens Scudd. 93-122<br>lccontei Scudd. 78a-767  Cleonus Schön                                                                                                                                                                                                                                                                                                                                                                       | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc.  on. G. R. Eoc.                                                                                                                                                                                                                                                                                                                                             |
| nilesii Scudd. 93–94  Dorytomus Gerr coercitus Scudd. 93–99 williamsi Scudd. 93–99  Grypidius Schör curvirostris Scudd. 93–100  Notaris Germ. brevicollis (Scudd.) 93–101 consumptus (Scudd.) 00a–87  Procas Steph. verberatus Scudd. 93–103                                                                                                                                                                                                                                                                       | Flor. Mioc.  m. Flor. Mioc. Flor. Mioc.  r. Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Tor. Pleist.                                                                                                                                                                                                                                  | avus Scudd. 00a-89 languidulus Scudd. 93-117  Acalyptus Schör obtusus Scudd. 93-108  Prionomerus Schör irvingii Scudd. 93-119  Gymnetron Schör antecurrens Scudd. 93-122 lccontei Scudd. 78a-767  Cleonus Schön degeneratus Scudd. 93-98 estriatus Wickh. 12-47 exterraneus Scudd. 93-96 foersteri Scudd. 93-97                                                                                                                                                                                                                                                                                      | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  Flor. Mioc.                                                                                                                                                                                                                         |
| nilesii Scudd. 93-94  Dorytomus Gerr coercitus Scudd. 93-99 williamsi Scudd. 93-99  Grypidius Schör curvirostris Scudd. 93-100  Notaris Germ. brevicollis (Scudd.) 93-101 consumptus (Scudd.) 00a-87  Procas Steph. verberatus Scudd. 93-103 vinculatus Scudd. 93-102  Numitor Scudd. 93-                                                                                                                                                                                                                          | Flor. Mioc.  m.  Flor. Mioc. Flor. Mioc.  Tor. Mioc.  Flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc.  Roan Mt. Eoc.                                                                                                                                                                                                                      | avus Scudd. 00a–89 languidulus Scudd. 93–117  Acalyptus Schör obtusus Scudd. 93–108  Prionomerus Schör irvingii Scudd. 93–119  Gymnetron Schör antecurrens Scudd. 93–122 lccontei Scudd. 78a–767  Cleonus Schön degeneratus Scudd. 93–98 estriatus Wickh. 12–47 exterraneus Scudd. 93–96 foersteri Scudd. 93–97 primoris Scudd. 93–97                                                                                                                                                                                                                                                                | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  Flor. Mioc.                                                                                                                                                                                                             |
| nilesii Scudd. 93-94  Dorytomus Gerre coercitus Scudd. 93-99 williamsi Scudd. 93-99  Grypidius Schör curvirostris Scudd. 93-100  Notaris Germ. brevicollis (Scudd.) 93-101 consumptus (Scudd.) 00a-87  Procas Steph. verberatus Scudd. 93-103 vinculatus Scudd. 93-102  Numitor Scudd. 93-102 claviger Scudd. 93-104                                                                                                                                                                                               | Flor. Mioc.  Ther. Mioc. Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Roan Mt. Eoc.  103  Flor. Mioc.                                                                                                                                                   | avus Scudd. 00a–89 languidulus Scudd. 93–117  Acalyptus Schör obtusus Scudd. 93–108  Prionomerus Schör irvingii Scudd. 93–119  Gymnetron Schör antecurrens Scudd. 93–122 lccontei Scudd. 78a–767  Cleonus Schön degeneratus Scudd. 93–98 estriatus Wickh. 12–47 exterraneus Scudd. 93–96 foersteri Scudd. 93–97 primoris Scudd. 93–97 rohweri Wickh. 11–66                                                                                                                                                                                                                                           | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  Flor. Mioc.                                                                                                                                                                                                             |
| nilesii Scudd. 93-94  Dorytomus Gerre coercitus Scudd. 93-99 williamsi Scudd. 93-99 Grypidius Schör curvirostris Scudd. 93-100  Notaris Germ. brevicollis (Scudd.) 93-101 consumptus (Scudd.) 00a-87  Procas Steph. verberatus Scudd. 93-103 vinculatus Scudd. 93-102  Numitor Scudd. 93-102  Smicrorhynchus Scudd.                                                                                                                                                                                                | Flor. Mioc.  m. Flor. Mioc. Flor. Mioc.  r. Flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc.  Roan Mt. Eoc.  103  Flor. Mioc.                                                                                                                                                                                                              | avus Scudd. 00a-89 languidulus Scudd. 93-117  Acalyptus Schör obtusus Scudd. 93-108  Prionomerus Schör irvingii Scudd. 93-119  Gymnetron Schör antecurrens Scudd. 93-122 lccontei Scudd. 78a-767  Cleonus Schön degeneratus Scudd. 93-98 estriatus Wickh. 12-47 exterraneus Scudd. 93-96 foersteri Scudd. 93-97 primoris Scudd. 93-97 rohweri Wickh. 11-66  Eocleonus Scudd. 93                                                                                                                                                                                                                      | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  Flor. Mioc.                                                                                                                                                                                                 |
| Dorytomus Gern coercitus Scudd. 93–99 williamsi Scudd. 93–99 Grypidius Schör curvirostris Scudd. 93–100 Notaris Germ. brevicollis (Scudd.) 93–101 consumptus (Scudd.) 00a–87 Procas Steph. verberatus Scudd. 93–103 vinculatus Scudd. 93–102 Numitor Scudd. 93– claviger Scudd. 93–104 Smicrorhynchus Scudd macgeei Scudd. 93–105                                                                                                                                                                                  | Flor. Mioc.  Ther. Mioc. Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc.  Roan Mt. Eoc.  103  Flor. Mioc.  1. 93–104  Flor. Mioc.                                                                                                                                                                               | avus Scudd. 00a–89 languidulus Scudd. 93–117  Acalyptus Schör obtusus Scudd. 93–108  Prionomerus Schör irvingii Scudd. 93–119  Gymnetron Schör antecurrens Scudd. 93–122 lccontei Scudd. 78a–767  Cleonus Schön degeneratus Scudd. 93–98 estriatus Wickh. 12–47 exterraneus Scudd. 93–96 foersteri Scudd. 93–97 primoris Scudd. 93–97 rohweri Wickh. 11–66                                                                                                                                                                                                                                           | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  Flor. Mioc.                                                                                                                                                                                                             |
| nilesii Scudd. 93-94  Dorytomus Gerre coercitus Scudd. 93-99 williamsi Scudd. 93-99 Grypidius Schör curvirostris Scudd. 93-100  Notaris Germ. brevicollis (Scudd.) 93-101 consumptus (Scudd.) 00a-87  Procas Steph. verberatus Scudd. 93-103 vinculatus Scudd. 93-102  Numitor Scudd. 93-102  Smicrorhynchus Scudd macgeei Scudd. 93-105  Erirhinus Schör                                                                                                                                                          | Flor. Mioc.  m. Flor. Mioc. Flor. Mioc.  flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc.  Roan Mt. Eoc.  103 Flor. Mioc.  1. 93–104 Flor. Mioc.                                                                                                                                                                                           | avus Scudd. 00a-89 languidulus Scudd. 93-117  Acalyptus Schör obtusus Scudd. 93-108  Prionomerus Schör irvingii Scudd. 93-119  Gymnetron Schör antecurrens Scudd. 93-122 lccontei Scudd. 78a-767  Cleonus Schön degeneratus Scudd. 93-98 estriatus Wickh. 12-47 exterraneus Scudd. 93-96 foersteri Scudd. 93-97 primoris Scudd. 93-97 rohweri Wickh. 11-66  Eocleonus Scudd. 93                                                                                                                                                                                                                      | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  Flor. Mioc.                                                                                                                                                                                                 |
| Dorytomus Gern coercitus Scudd. 93–99 williamsi Scudd. 93–99 Grypidius Schör curvirostris Scudd. 93–100 Notaris Germ. brevicollis (Scudd.) 93–101 consumptus (Scudd.) 00a–87 Procas Steph. verberatus Scudd. 93–103 vinculatus Scudd. 93–102 Numitor Scudd. 93– claviger Scudd. 93–104 Smicrorhynchus Scudd macgeei Scudd. 93–105 Erirhinus Schör dormitus Scudd. 93–105                                                                                                                                           | Flor. Mioc.  Flor. Mioc. Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc. Roan Mt. Eoc.  103 Flor. Mioc. 1. 93–104 Flor. Mioc. Flor. Mioc.                                                                                                                                                                                    | avus Scudd. 00a-89 languidulus Scudd. 93-117  Acalyptus Schör obtusus Scudd. 93-108  Prionomerus Schör irvingii Scudd. 93-119  Gymnetron Schör antecurrens Scudd. 93-122 lccontei Scudd. 78a-767  Cleonus Schön degeneratus Scudd. 93-98 estriatus Wickh. 12-47 exterraneus Scudd. 93-96 foersteri Scudd. 93-97 primoris Scudd. 93-97 primoris Scudd. 93-97 rohweri Wickh. 11-66  Eocleonus Scudd. 93-95 subjectus Scudd. 93-95  Baris Germ. antediluviana Wickh. 16-14                                                                                                                              | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  .  Flor. Mioc.                                                                                                                                                                      |
| nilesii Scudd. 93-94  Dorytomus Gerre coercitus Scudd. 93-99 williamsi Scudd. 93-99 Grypidius Schör curvirostris Scudd. 93-100  Notaris Germ. brevicollis (Scudd.) 93-101 consumptus (Scudd.) 00a-87  Procas Steph. verberatus Scudd. 93-103 vinculatus Scudd. 93-102  Numitor Scudd. 93-102  Numitor Scudd. 93-104  Smicrorhynchus Scudd macgeei Scudd. 93-105  Erirhinus Schör dormitus Scudd. 93-105  Tychius Germ.                                                                                             | Flor. Mioc.  m. Flor. Mioc. Flor. Mioc.  flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc.  Roan Mt. Eoc.  103 Flor. Mioc.  1. 93–104 Flor. Mioc.  Flor. Mioc.                                                                                                                                                                              | avus Scudd. 00a-89 languidulus Scudd. 93-117  Acalyptus Schör obtusus Scudd. 93-108  Prionomerus Schör irvingii Scudd. 93-119  Gymnetron Schör antecurrens Scudd. 93-122 lccontei Scudd. 78a-767  Cleonus Schön degeneratus Scudd. 93-98 estriatus Wickh. 12-47 exterraneus Scudd. 93-96 foersteri Scudd. 93-97 primoris Scudd. 93-97 rohweri Wickh. 11-66  Eocleonus Scudd. 93-95 subjectus Scudd. 93-95 Baris Germ.                                                                                                                                                                                | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  .  Flor. Mioc.                                                                                                                                                                      |
| nilesii Scudd. 93-94  Dorytomus Gerre coercitus Scudd. 93-99 williamsi Scudd. 93-99 Grypidius Schör curvirostris Scudd. 93-100  Notaris Germ. brevicollis (Scudd.) 93-101 consumptus (Scudd.) 00a-87  Procas Steph. verberatus Scudd. 93-103 vinculatus Scudd. 93-102  Numitor Scudd. 93-104 Smicrorhynchus Scudd macgeei Scudd. 93-105  Erirhinus Schör dormitus Scudd. 93-105  Tychius Germ. evolatus Scudd. 93-120                                                                                              | Flor. Mioc.  m. Flor. Mioc. Flor. Mioc.  flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc. Roan Mt. Eoc.  103 Flor. Mioc.  1. 93–104 Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.                                                                                                                                                     | avus Scudd. 00a-89 languidulus Scudd. 93-117  Acalyptus Schör obtusus Scudd. 93-108  Prionomerus Schör irvingii Scudd. 93-119  Gymnetron Schör antecurrens Scudd. 93-122 lecontei Scudd. 78a-767  Cleonus Schön degeneratus Scudd. 93-98 estriatus Wickh. 12-47 exterraneus Scudd. 93-96 foersteri Scudd. 93-97 primoris Scudd. 93-97 rohweri Wickh. 11-66  Eocleonus Scudd. 93 subjectus Scudd. 93-95  Baris Germ. antediluviana Wickh. 16-14 cremastorhynchoides Wickh. 13                                                                                                                         | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  .  Flor. Mioc. S-95 Flor. Mioc.                                                                                                                                                                             |
| nilesii Scudd. 93-94  Dorytomus Gerre coercitus Scudd. 93-99 williamsi Scudd. 93-99 Grypidius Schör curvirostris Scudd. 93-100  Notaris Germ. brevicollis (Scudd.) 93-101 consumptus (Scudd.) 00a-87  Procas Steph. verberatus Scudd. 93-103 vinculatus Scudd. 93-102  Numitor Scudd. 93-102  Numitor Scudd. 93-104  Smicrorhynchus Scudd macgeei Scudd. 93-105  Erirhinus Schör dormitus Scudd. 93-105  Tychius Germ. evolatus Scudd. 93-120 ferox Wickh. 17-471                                                  | Flor. Mioc.  m. Flor. Mioc. Flor. Mioc.  flor. Mioc.  Flor. Mioc.  Tor. Pleist.  Flor. Mioc.  Roan Mt. Eoc.  103 Flor. Mioc.  1. 93–104 Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.  Flor. Mioc.                                                                                                                                       | avus Scudd. 00a-89 languidulus Scudd. 93-117  Acalyptus Schör obtusus Scudd. 93-108  Prionomerus Schör irvingii Scudd. 93-119  Gymnetron Schör antecurrens Scudd. 93-122 lccontei Scudd. 78a-767  Cleonus Schön degeneratus Scudd. 93-98 estriatus Wickh. 12-47 exterraneus Scudd. 93-96 foersteri Scudd. 93-97 primoris Scudd. 93-97 primoris Scudd. 93-97 rohweri Wickh. 11-66  Eocleonus Scudd. 93-95  Baris Germ. antediluviana Wickh. 16-14 cremastorhynchoides Wickh. 13 divisa Scudd. 93-134                                                                                                  | Tor. Pleist. Flor. Mioc.  n. Flor. Mioc.  on. Flor. Mioc.  on. Flor. Mioc. G. R. Eoc.  .  Flor. Mioc.                                                                                                                                                                      |
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363 SCOLYTIDÆ

|                                                        | Di. Mi.                        | A 11 G1"                                           |                                |
|--------------------------------------------------------|--------------------------------|----------------------------------------------------|--------------------------------|
| primalis Wickh. 17–471<br>renovata Wickh. 16–15        | Flor. Mioc.<br>Flor. Mioc.     | Acalles Schön                                      |                                |
| schucherti Wickh. 12–52                                | Flor. Mioc.                    | exhumatus Wickh. 13–24                             | Flor. Mioc.                    |
| Aulobaris Lec.                                         |                                | Cryptorhynchus                                     |                                |
| anicilla Scudd. 93–137                                 | Roan Mt. Eoc.                  | annosus Scudd. 76–86<br>coloradensis Wickh. 12–50  | G. R. Eoc.<br>Flor. Mioc.      |
| circumscripta Scudd. 93–137<br>comminuta Scudd. 93–138 | Roan Mt. Eoc.<br>White R. Eoc. | durus Scudd. 93–126                                | Roan Mt. Eoc.                  |
| damnata Scudd. 93–136                                  | Flor. Mioc.                    | fallii Wickh. 12–51<br>kerri Scudd. 93–127         | Flor. Mioc.<br>Flor. Mioc.     |
| Miogeræus Wickh.                                       | 16–16                          | profusus Scudd. 93–127                             | Flor. Mioc.                    |
| recurrens Wickh. 16–16                                 | Flor. Mioc.                    | Elytrulum Handl. 0                                 | 08–663                         |
| Centrinus Schör                                        | ١.                             | multipunctatum (Heer) 83–143                       |                                |
| disruptus Scudd. 93–139                                | G. R. Eoc.                     | Curculiopsis Handl.                                |                                |
| disjunctus Scudd. 00a–89                               | Tor. Pleist.                   | crctacea (Heer) 74a–92                             | Greenl. Cret.                  |
| hypogæus Wickh. 16–17<br>obnuptus Scudd. 93–138        | Flor. Mioc.<br>Flor. Mioc.     | Archiorhynchus Hee                                 | r 74a–91                       |
| vulcanicus (Wickh.) 12–48                              | Flor. Mioc.                    | angusticollis Heer 74a–91                          | Greenl. Cret.                  |
| Pachybaris Leo                                         | ·.                             | Spodotribus Scudd.                                 | 93–152                         |
| rudis Wickh. 12a-35                                    | Flor. Mioc.                    | terrulentus Scudd. 93–152                          | Flor. Mioc.                    |
| Catobaris Scudd. 93                                    | 3–140                          | Lithophthorus Seudd.                               | 93-153                         |
| cœnosa Scudd. 93-140                                   | Flor. Mioc.                    | rugosicollis Scudd. 93–154                         | Flor. Mioc.                    |
| Cœliodes Schön                                         |                                | Cossonus Clair                                     | v.                             |
| primotinus Scudd. 93–129                               | Flor. Mioc.                    | - gabbii Scudd. 93–155                             | Flor. Mioc.                    |
| Ceutorhynchus Ge                                       | erm.                           | rutus Scudd. 93–155                                | Roan Mt. Eoc.                  |
| blaisdelli Wickh. 16–13                                | Flor. Mioc.                    | Sciabregma Scudd.                                  | 93–146                         |
| clausus Scudd. 93–131                                  | Flor. Mioc.                    | rugosa Scudd. 93–147                               | Roan Mt. Eoc.                  |
| compactus Scudd. 93–132<br>degravatus Scudd. 93–132    | Flor. Mioc.<br>Roan Mt. Eoc.   | Scyphophorus Sci                                   | hön.                           |
| duratus Scudd. 93–131                                  | Flor. Mioc.                    | fossionis Scudd. 93–148                            | Flor. Mioc.                    |
| evinctus Scudd. 93–130                                 | Flor. Mioc.                    | lævis Scudd. 93–148<br>tertiarius Wickh. 11–68     | Flor. Mioc.<br>Flor. Mioc.     |
| Conotrachelus Scl                                      | nön.                           |                                                    |                                |
| florissantensis Wickh. 12–49                           | Flor. Mioc.                    | Oryctorhinus Scudd. tenuirostris Scudd. 93–149     | 93–149<br>Flor. Mioc.          |
| Ryssematus Schö                                        | on.                            |                                                    |                                |
| tabescens (Scudd.) 93–123                              | Roan Mt. Eoc.                  | Calandrites Scudd. 9                               |                                |
| Rhysosternum Scudd.                                    | 93–124                         | cineratius Scudd. 93–151<br>defessus Scudd. 93–150 | Roan Mt. Eoc.<br>Roan Mt. Eoc. |
| æternabile Scudd. 93–125                               | Flor. Mioc.                    | hindsi Ckll. 16–105                                | Colo. Eoc.                     |
| longirostre Scudd. 93–125                              | Flor. Mioc.                    | ursorum Ckll. 18–308                               | Colo. Eoc.                     |
|                                                        |                                |                                                    |                                |
|                                                        |                                |                                                    |                                |
|                                                        |                                |                                                    |                                |

| Polygraphus E                                                 | r.            | Hylastes Er.               |             |
|---------------------------------------------------------------|---------------|----------------------------|-------------|
| wortheni Scudd. 93–158                                        | Roan Mt. Eoc. | americanus Wickh. 13–27    | Flor. Mioc. |
| Phthorophlœus                                                 | Rey           | Pityophthoridea Wic        | kh. 16–18   |
| zimmermanni (Wickh.) 16–19                                    | Flor. Mioc.   | diluvialis Wickh. 16–18    | Flor. Mioc. |
| Phlœosinus Cha                                                | •             | Adipocephalus Wick         | th. 16–18   |
| squalidens Scudd. 90–468                                      | Scar. Pleist. | hydropicus Wickh. 16–18    | Flor. Mioc. |
| Leperisinus Rei                                               |               | <b>Xyleborites</b> Wickli  | . 13-26     |
| extractus (Scudd.) 93–159<br>?dormiscens (Scudd.) 93 pl. 1: 0 |               | longipennis Wickh. 13-26   | Flor. Mioc. |
| rdormiscens (Scudd.) 95 pt. 1: 0                              | G. R. Eoc.    | Dryocœtes Eic              | ch.         |
| Hylurgops Lea                                                 |               | carbonarius Scudd. 78a–768 | G. R. Eoc.  |
| piger Wickh. 13–27                                            | Flor. Mioc.   | impressus Scudd. 76–83     | G. R. Eoc.  |

#### FOSSILS IDENTIFIED WITH RECENT SPECIES

#### CARABIDÆ

Rembus Latr.

Oodes Bon.

Vero Pleist. Wickh. 19-356 laticollis (Lec.)

amaroides Dci. Vero Pleist. Wickh. 19-356

Vero Pleist. Wickh. 19–356 major (Lec.)

Chlænius Bon.

Vero Pleist. Wickh. 19–356 Vero Pleist. Wickh. 19–356 æstivus Say. tricolor Dej.

**GYRINIDÆ** 

ELATERIDÆ

Gyrinus L.

Ludius Esch.

confinis Lec. Scar. Plcist. Scudd. 00a-80 ?æthiops (Hbst.) Scudd. 00-96 Mass. Pleist.

SCARABÆIDÆ

Copris Geoff.

Strategus Hope.

inemarginatus Blatch. Vero Pleist. Wickh.

Vero Pleist. Wickh. 19-357 antæus (Fab.)

19-356

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There may be some difficulty where the date of publication is uncertain, as is frequently the case with some of the older papers and books, and different writers have cited them under different dates; but this can be surmounted without much delay. A large number of such citations have been corrected from the original but the books have not always been accessible. There may also be some difficulty from separates or reprints having an independent pagination, which in some cases may have been inadvertently cited; this also has been corrected as far as possible, but not entirely, as in citations from Chaudoir's paper of 1868.

An effort has been made to make the bibliography complete, which has been reasonably successful as far as papers describing species are concerned, and other papers written by some American authors; but I fear much still remains to be added of the work of foreign authors. The final revision of the galley proof by Mr. Sherman has added many items and corrections.

I am under heavy obligations to Mr. Andrew J. Mutchler, of the American Museum of Natural History, for continual assistance in preparing this bibliography. His knowledge of the great collection of books in that Museum is remarkable, and is matched by the kindly patience with which his knowledge is made serviceable. I am glad to gratefully acknowledge his help.

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| Chapuis and Candèze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 55. Cat. des larves des Coléoptères                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <mem. 1855,="" 341–653,="" liège,="" p="" pl.<="" pp.="" sc.="" soc.="" viii,=""></mem.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1500 also Harron / usatz zu ( oloonteres                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| (See also Hagen Zusatz zu Coléoptères<br>Charnentier Toussaint de h 1780: d 184                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <stett. 1863,="" 298-309.<="" ent.="" pp.="" th="" xxiv,="" zeit.=""></stett.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Charpentier, Toussaint de, b. 1780; d. 184'<br>25. Horæ Entomologicæ, Wratislawiæ, 1825.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Charpentier, Toussaint de, b. 1780; d. 184<br>25. Horæ Entomologicæ, Wratislawiæ, 1825.<br>Chaudoir, Baron Maximilien de, b. Sep. 12, 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7.<br>816; d. May 8, 1881.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Charpentier, Toussaint de, b. 1780; d. 184<br>25. Horæ Entomologicæ, Wratislawiæ, 1825.<br>Chaudoir, Baron Maximilien de, b. Sep. 12, 1<br>37. Calosoma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7.<br>816; d. May 8, 1881.<br><bull. 1837.<="" moscou,="" nat.="" soc.="" th=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Charpentier, Toussaint de, b. 1780; d. 184<br>25. Horæ Entomologicæ, Wratislawiæ, 1825.<br>Chaudoir, Baron Maximilien de, b. Sep. 12, 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7.<br>816; d. May 8, 1881.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <ul> <li>Charpentier, Toussaint de, b. 1780; d. 184</li> <li>25. Horæ Entomologicæ, Wratislawiæ, 1825.</li> <li>Chaudoir, Baron Maximilien de, b. Sep. 12, 1</li> <li>37. Calosoma</li> <li>38. Tableau d'une n. s. du genre Feronia</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.  816; d. May 8, 1881. <bull. 1837.="" 1838,="" 1843,="" 1844,="" 1–32.="" 415–<="" 671–791.="" <bull.="" moscou,="" nat.="" pp.="" soc.="" th="" xi,="" xvi,="" xvii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Charpentier, Toussaint de, b. 1780; d. 184' 25. Horæ Entomologicæ, Wratislawiæ, 1825. Chaudoir, Baron Maximilien de, b. Sep. 12, 1 37. Calosoma 38. Tableau d'une n. s. du genre Feronia 43. Chlaenius, Oodes, Dianchomena, etc. 44. Callida, Cychrus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7.  816; d. May 8, 1881. <bull. 1837.="" 1838,="" 1843,="" 1844,="" 1–32.="" 415–479.<="" 671–791.="" <bull.="" moscou,="" nat.="" pp.="" soc.="" th="" xi,="" xvi,="" xvii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Charpentier, Toussaint de, b. 1780; d. 184' 25. Horæ Entomologicæ, Wratislawiæ, 1825. Chaudoir, Baron Maximilien de, b. Sep. 12, 1 37. Calosoma 38. Tableau d'une n. s. du genre Feronia 43. Chlaenius, Oodes, Dianchomena, etc. 44. Callida, Cychrus  46. Promecognathus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7.  816; d. May 8, 1881. <bull. 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1–32.="" 415–479.="" 511–542.<="" 671–791.="" <bull.="" moscou,="" nat.="" pp.="" soc.="" th="" xi,="" xix,="" xvi,="" xvii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <ul> <li>Charpentier, Toussaint de, b. 1780; d. 184</li> <li>25. Horæ Entomologicæ, Wratislawiæ, 1825.</li> <li>Chaudoir, Baron Maximilien de, b. Sep. 12, 1</li> <li>37. Calosoma</li> <li>38. Tableau d'une n. s. du genre Feronia</li> <li>43. Chlaenius, Oodes, Dianchomena, etc.</li> <li>44. Callida, Cychrus</li> <li>46. Promecognathus</li> <li>50. Pasimachus, Lebia, Carabus, etc.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 816; d. May 8, 1881. <bull. 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1–32.="" 349–460.<="" 3–85,="" 415–479.="" 511–542.="" 671–791.="" <bull.="" moscou,="" nat.="" pp.="" soc.="" th="" xi,="" xix,="" xvi,="" xvii,="" xxii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Charpentier, Toussaint de, b. 1780; d. 184' 25. Horæ Entomologicæ, Wratislawiæ, 1825. Chaudoir, Baron Maximilien de, b. Sep. 12, 1 37. Calosoma 38. Tableau d'une n. s. du genre Feronia 43. Chlaenius, Oodes, Dianchomena, etc. 44. Callida, Cychrus  46. Promecognathus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 816; d. May 8, 1881. <bull. 112–<="" 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1854,="" 1–32.="" 349–460.="" 3–85,="" 415–479.="" 511–542.="" 671–791.="" <bull.="" moscou,="" nat.="" pp.="" soc.="" th="" xi,="" xix,="" xvi,="" xvii,="" xxii,="" xxvii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <ul> <li>Charpentier, Toussaint de, b. 1780; d. 184</li> <li>25. Horæ Entomologicæ, Wratislawiæ, 1825.</li> <li>Chaudoir, Baron Maximilien de, b. Sep. 12, 1</li> <li>37. Calosoma</li> <li>38. Tableau d'une n. s. du genre Feronia</li> <li>43. Chlaenius, Oodes, Dianchomena, etc.</li> <li>44. Callida, Cychrus</li> <li>46. Promecognathus</li> <li>50. Pasimachus, Lebia, Carabus, etc.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 816; d. May 8, 1881. <bull. 112–144,="" 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1854,="" 1–32.="" 279–352.<="" 349–460.="" 3–85,="" 415–479.="" 511–542.="" 671–791.="" <bull.="" moscou,="" nat.="" pp.="" soc.="" th="" xi,="" xix,="" xvi,="" xvii,="" xxii,="" xxvii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Charpentier, Toussaint de, b. 1780; d. 184 25. Horæ Entomologicæ, Wratislawiæ, 1825. Chaudoir, Baron Maximilien de, b. Sep. 12, 1 37. Calosoma 38. Tableau d'une n. s. du genre Feronia 43. Chlaenius, Oodes, Dianchomena, etc. 44. Callida, Cychrus  46. Promecognathus 50. Pasimachus, Lebia, Carabus, etc. 54. Cicindelidæ 56. Chlæniini                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 816; d. May 8, 1881. <bull. 112–144,="" 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1854,="" 1856,="" 187–291.<="" 1–32.="" 279–352.="" 349–460.="" 3–85,="" 415–479.="" 511–542.="" 671–791.="" <bull.="" moscou,="" nat.="" pp.="" soc.="" th="" xi,="" xix,="" xvi,="" xvii,="" xxii,="" xxix,="" xxvii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Charpentier, Toussaint de, b. 1780; d. 184 25. Horæ Entomologicæ, Wratislawiæ, 1825. Chaudoir, Baron Maximilien de, b. Sep. 12, 1 37. Calosoma 38. Tableau d'une n. s. du genre Feronia 43. Chlaenius, Oodes, Dianchomena, etc. 44. Callida, Cychrus  46. Promecognathus 50. Pasimachus, Lebia, Carabus, etc.  54. Cicindelidæ  56. Chlæniini  57. Chlaeniini, Oodes 59. Colpodes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 816; d. May 8, 1881. <bull. 112–144,="" 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1854,="" 1856,="" 1857,="" 1859,="" 187–291.="" 1–32.="" 1–64.="" 279–352.="" 287–364.<="" 3,="" 349–460.="" 3–85,="" 415–479.="" 511–542.="" 671–791.="" <ann.="" <bull.="" ent.="" fr.="" moscou,="" nat.="" pp.="" ser.="" soc.="" th="" vii,="" x="" x,="" xi="" xi,="" xix,="" xvi,="" xvii,="" xxii,="" xxvii,="" xxx,=""></bull.>                                                                                                                                                                                                                                                                                                                                   |
| Charpentier, Toussaint de, b. 1780; d. 184 25. Horæ Entomologicæ, Wratislawiæ, 1825. Chaudoir, Baron Maximilien de, b. Sep. 12, 1 37. Calosoma 38. Tableau d'une n. s. du genre Feronia 43. Chlaenius, Oodes, Dianchomena, etc. 44. Callida, Cychrus  46. Promecognathus 50. Pasimachus, Lebia, Carabus, etc.  54. Cicindelidæ  56. Chlæniini  57. Chlaeniini, Oodes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 816; d. May 8, 1881. <bull. 112–144,="" 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1854,="" 1856,="" 187–291.<="" 1–32.="" 279–352.="" 349–460.="" 3–85,="" 415–479.="" 511–542.="" 671–791.="" <bull.="" moscou,="" nat.="" pp.="" soc.="" th="" xi,="" xix,="" xvi,="" xvii,="" xxii,="" xxix,="" xxvii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Charpentier, Toussaint de, b. 1780; d. 184 25. Horæ Entomologicæ, Wratislawiæ, 1825. Chaudoir, Baron Maximilien de, b. Sep. 12, 1 37. Calosoma 38. Tableau d'une n. s. du genre Feronia 43. Chlaenius, Oodes, Dianchomena, etc. 44. Callida, Cychrus  46. Promecognathus 50. Pasimachus, Lebia, Carabus, etc.  54. Cicindelidæ  56. Chlæniini  57. Chlaeniini, Oodes 59. Colpodes 60. Chaleposomus  61. Notiophilus, Metrius, Cychrus  62. Zuphium (Mat. pourCarabiques)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 816; d. May 8, 1881. <bull. 112–144,="" 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1854,="" 1856,="" 1857,="" 1859,="" 1860,="" 1861,="" 1862,="" 187–291.="" 1–32.="" 1–64.="" 269–337.="" 275–320.<="" 279–352.="" 287–364.="" 3,="" 335–360.="" 349–460.="" 3–85,="" 415–479.="" 511–542.="" 671–791.="" <ann.="" <bull.="" ent.="" fr.="" moscou,="" nat.="" pp.="" ser.="" soc.="" th="" vii,="" xi,="" xix,="" xvi,="" xvii,="" xxii,="" xxix,="" xxvii,="" xxx,="" xxxiii,="" xxxiv,="" xxxv,=""></bull.>                                                                                                                                                                                                                                              |
| Charpentier, Toussaint de, b. 1780; d. 184  25. Horæ Entomologicæ, Wratislawiæ, 1825.  Chaudoir, Baron Maximilien de, b. Sep. 12, 1  37. Calosoma  38. Tableau d'une n. s. du genre Feronia  43. Chlaenius, Oodes, Dianchomena, etc.  44. Callida, Cychrus  46. Promecognathus  50. Pasimachus, Lebia, Carabus, etc.  54. Cicindelidæ  56. Chlæniini  57. Chlaeniini, Oodes  59. Colpodes  60. Chaleposomus  61. Notiophilus, Metrius, Cychrus  62. Zuphium (Mat. pourCarabiques)  65. Cat. de la coll. de Cicindélètes, Bruxelles,                                                                                                                                                                                                                                                                                                                                                                                                    | 816; d. May 8, 1881. <bull. 112–144,="" 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1854,="" 1856,="" 1857,="" 1859,="" 1860,="" 1861,="" 1862,="" 1865,="" 187–291.="" 1–32.="" 1–64.="" 269–337.="" 275–320.="" 279–352.="" 287–364.="" 3,="" 335–360.="" 349–460.="" 3–85,="" 415–479.="" 511–542.="" 64="" 671–791.="" <ann.="" <bull.="" ent.="" fr.="" moscou,="" nat.="" pp.="" pp.<="" ser.="" soc.="" th="" vii,="" xi,="" xix,="" xvi,="" xvii,="" xxii,="" xxix,="" xxvii,="" xxx,="" xxxiii,="" xxxiv,="" xxxv,=""></bull.>                                                                                                                                                                                                                        |
| Charpentier, Toussaint de, b. 1780; d. 184  25. Horæ Entomologicæ, Wratislawiæ, 1825.  Chaudoir, Baron Maximilien de, b. Sep. 12, 1  37. Calosoma  38. Tableau d'une n. s. du genre Feronia  43. Chlaenius, Oodes, Dianchomena, etc.  44. Callida, Cychrus  46. Promecognathus  50. Pasimachus, Lebia, Carabus, etc.  54. Cicindelidæ  56. Chlæniini  57. Chlaeniini, Oodes  59. Colpodes  60. Chaleposomus  61. Notiophilus, Metrius, Cychrus  62. Zuphium (Mat. pourCarabiques)  65. Cat. de la coll. de Cicindélètes, Bruxelles, 68. Bembidiini, Pterostichini, Loxandrus                                                                                                                                                                                                                                                                                                                                                           | 816; d. May 8, 1881. <bull. &="" 112–144,="" 161–345.<="" 1837.="" 1838,="" 1843,="" 1844,="" 1846,="" 1850,="" 1854,="" 1856,="" 1857,="" 1859,="" 1860,="" 1861,="" 1862,="" 1865,="" 1868,="" 187–291.="" 1–32.="" 1–64.="" 2,="" 269–337.="" 275–320.="" 279–352.="" 287–364.="" 3,="" 335–360.="" 349–460.="" 3–85,="" 415–479.="" 511–542.="" 64="" 671–791.="" <ann.="" <bull.="" <rev.="" ent.="" fr.="" mag.="" moscou,="" nat.="" pp.="" ser.="" soc.="" th="" vii,="" x="" x,="" xi="" xi,="" xix,="" xvi,="" xvii,="" xx,="" xxii,="" xxvii,="" xxx,="" xxxiii,="" xxxiv,="" xxxv,="" zool.,=""></bull.>                                                                                                                                                     |
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| Leng           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| 14.            | Nut and Acorn Weevils                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <journ. 1914,="" 338.<="" ent.="" n.="" p="" p.="" soc.="" xxii,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                | Collecting at Huguenot Beach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <journ. 1914,="" 337.<="" ent.="" n.="" p="" p.="" soc.="" xxii,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 4.5            | Balaninus quercus Horn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <journ. 1914,="" 332.<="" ent.="" n.="" p="" p.="" soc.="" xxii,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 15.            | A new g. and sp. of Lampyridæ (w. Shoe-maker)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <journ. 1915,="" 55–56,="" ent.="" n.="" p="" pl.<="" pp.="" soc.="" xxiii,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                | List of Carabidæ of Florida                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sull. Am. Mus. N. H. XXXIV, 1915, pp. 555-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 601.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                | Nut and Acorn Weevils                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <proc. &="" 1915,="" 75–84.<="" a.="" id.="" pp.="" s.="" staten="" th="" v,=""></proc.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                | Visit to Ithaca                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <journ. 1915,="" 76.<="" ent.="" n.="" p="" p.="" soc.="" xxiii,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                | Local Sp. of Dermestes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <journ. 1915,="" 197.<="" ent.="" n.="" p="" p.="" soc.="" xxiii,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 16             | Coccinella, Trichodes, etc. Notes on Alleculidæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <journ. 1915,="" 254.<="" ent.="" n.="" p="" p.="" soc.="" xxiii,="" y.=""> <journ. 142–143.<="" 1916,="" ent.="" n.="" p="" pp.="" soc.="" xxiv,="" y.=""></journ.></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 10.            | Notes on Cychrini                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <journ. 1916,="" 39–42.<="" ent.="" n.="" p="" pp.="" soc.="" xxiv,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                | List of Families of Col.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <bull. 1-5.<="" 1916,="" brooklyn="" ent.="" pp.="" soc.="" th="" xi,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                | Desc. Cat. West Ind. Cic. (w. Mutchler)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <bull. 1916,="" 681-<="" am.="" h.="" mus.="" n.="" pp.="" th="" xxxv,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 699, pl.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                | Florida Carabidæ Snout Beetles on Holly Bloom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <journ. 1916,="" 92.<="" ent.="" n.="" p="" p.="" soc.="" xxiv,="" y.=""> <journ. 1916,="" 92.<="" ent.="" n.="" p="" p.="" soc.="" xxiv,="" y.=""></journ.></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                | Omophron Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sourn. N. Y. Ent. Soc. XXIV, 1916, p. 92. Sourn. N. Y. Ent. Soc. XXIV, 1916, p. 168.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 17.            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <bull. 1917,="" 191–<="" am.="" h.="" mus.="" n.="" p="" pp.="" xxxvii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                | **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 220.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                | Syn. of the sp. of Arthromacra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <bull. 16–19.<="" 1917,="" brooklyn="" ent.="" p="" pp.="" soc.="" xii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                | Syncalypta spinosa in No. Amer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <journ. 128–129.<="" 1917,="" ent.="" n.="" p="" pp.="" soc.="" xxv,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                | A new var. of Scaphinotus<br>Obituary of Charles Palm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <journ. 1917,="" 34–36.<="" ent.="" n.="" p="" pp="" soc.="" xxv,="" y.=""> <journ. 1917,="" 237.<="" ent.="" n.="" p="" p.="" soc.="" xxv,="" y.=""></journ.></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                | Some Beetles of a Staten Id. Garden                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Proc. Staten Id. A. A. & S. VI, 1917, pp. 204–209.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                | Location of Ft. Tejon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | < Journ. N. Y. Ent. Soc. XXV, 1917, p. 145.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                | Cardiola obscura on Staten Id.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <journ. 1917,="" 80.<="" ent.="" n.="" p="" p.="" soc.="" xxv,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.0            | Similarity of Coloration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <journ. 1917,="" 90.<="" ent.="" n.="" p="" p.="" soc.="" xxv,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 18.            | Desc. of a n. sp. of Piezocorynus Microclytus — A Correction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <journ. 11–12.<="" 1918,="" ent.="" n.="" p="" pp.="" soc.="" xxvi,="" y.=""> <journ. 1918,="" 8–10.<="" ent.="" n.="" p="" pp.="" soc.="" xxvi,="" y.=""></journ.></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                | Genitalia of Rhynchophora                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ent. 150.<="" 1918,="" news,="" p.="" th="" xxix,=""></ent.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <bull. 1918,="" 73-<="" am.="" h.="" mus.="" n.="" pp.="" th="" xxxviii,=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 116.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                | Cicindelidæ of Chile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <journ. 110.<="" 1918,="" ent.="" n.="" p="" p.="" soc.="" xxvi,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                | Gonotropis on dead hemlock<br>History of N. Y. Entom. Soc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <journ. 115.<="" 1918,="" ent.="" n.="" p="" p.="" soc.="" xxvi,="" y.=""> <journ. 129–134.<="" 1918,="" ent.="" n.="" p="" pp.="" soc.="" xxvi,="" y.=""></journ.></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                | A new race of Cicindela, etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sourn. N. Y. Ent. Soc. XXVI, 1918, pp.138–141.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                | Notes on s. changes in List of Col.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <journ. 1918,="" ent.="" n.="" pp.201–211.<="" soc.="" th="" xxvi,="" y.=""></journ.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                | See also Harris and Leng — Blatchley and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Lesne, Pierre. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                | Desc. Bostrichidæ<br>Monogr. Bostrichidæ Mem. I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <ann. 169–178.<="" 1895,="" ent.="" france,="" p="" pp.="" soc.=""> <ann. 1896,="" 95–121.<="" ent.="" france,="" p="" pp.="" soc.=""></ann.></ann.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                | Desc. Bostrichidæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul><li><a href="#">Null</a>. Soc. Ent. France, 1897, p. 146.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                | Monogr. Bostrichidæ Mem. II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <ann. 1897,="" 319-350.<="" ent.="" france,="" pp.="" soc.="" th=""></ann.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                | Monogr. Bostrichidæ Mem. III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ann. 1898,="" 438–621.<="" ent.="" france,="" p="" pp.="" soc.=""></ann.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                | Desc. Bostrichidæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ann. 1899,="" 18–22.<="" ent.="" france,="" p="" pp.="" soc.=""></ann.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                | Monogr. Bostrichidæ Mem. IV<br>Desc. Bostrichidæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <ann. 1900,="" 473–639.<="" ent.="" france,="" p="" pp.="" soc.=""> <ann. 1901,="" ent.="" france,="" p="" pp.<="" soc.=""></ann.></ann.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                | Monogr. Bostrichidæ Mem. V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ann. Soc. Ent. France, 1901, pp. <ann. 1906,="" 445–561.<="" ent.="" france,="" p="" pp.="" soc.=""></ann.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                | Desc. Bostrichidæ (Scobicia arizonica)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <bull. 1907,="" 244–245.<="" mus.="" paris,="" pp.="" th=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 09.            | Monogr. Bostrichidæ Mem. VI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <ann. 1909,="" 471–594.<="" ent.="" france,="" p="" pp.="" soc.=""></ann.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Léveillé A.    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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|                | Temnochilidæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <bull. 1901.<="" ent.="" france,="" soc.="" th=""></bull.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                | Temnochilidæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <junk 1910.<="" cat.="" col.="" ii,="" pars="" th=""></junk>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                | s, George.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ∠TI / N# N# N# N#11 1070 00 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                | Desc. of some new Histeridæ  Desc. of some new Histeridæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ent. 1879,="" 60–63.<="" mag.="" mo.="" pp.="" td="" xvi,=""><ann. (5),="" 1885,="" 458.<="" hist.="" mag.="" nat.="" p.="" td="" xv,=""></ann.></ent.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>30</b> .    | Desc. of some new Histeridæ  Desc. of some new Histeridæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#"><a hre<="" th=""></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a> |
| 87.            | Desc. of some new Histeridæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#"><a hre<="" th=""></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a> |
| 88.            | Desc. of some new Histeridæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <biol. 182–243.<="" 1888,="" cam.="" i,="" ii,="" pp.="" pt.="" th=""></biol.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 89.            | On a new sp. of Teretriosoma (also on                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <ent. 1889,="" 397="" 432.<="" and="" mag.="" mo.="" p.="" th="" xxv,=""></ent.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| 92             | Desc. Histeridæ Desc. Histeridæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <ann. (6),="" 1889,="" 287.<="" hist.="" iii,="" mag.="" nat.="" p="" p.=""> <ann. (6),="" 1892,="" 343.<="" hist.="" ix,="" mag.="" nat.="" p="" p.=""></ann.></ann.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                | Desc. Histeridæ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#"></a> <a href="#">Ann. Mag. Nat. Hist. (6), XI, 1893, p. 428.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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99. Obituary of Martin L. Linell Pin holes in timber Cylidrella mollis in Ariz. Undesc. Scolytid in Parkinsonia Latheticus sp. under bark Mesquite Faunistic value of diff. groups Telegeusis (n. sp.?) in Ariz. Parasites of Lachnosterna Morrison's "Sonora," probably Ariz. Lissomelas flohri in Ariz. Cychrus mexicanus in Ariz. Hæmatochiton elateroides in Ariz. Bothrideres sp. in Cactophagus cocoon Pseudomus inflatus bred fr. sea-grape Thrincopyge in Ariz. bear grass Superior size of larva Ariz. ins. begin w. rain in July Apparent mimicry in Lycus Lycus larvæ congregating Complexity of life zones in Ariz. Scolytidæ of Ariz. Feeding punctures Scol. in circ. rows Ins. etc. of Commander Is. List Ins. Pribilof Isl.

00. Col. of Harriman Alaska Exp.
01. Platynus albipes in Maine
 Luminosity of Lampyrid larvæ
 Biography of H. G. Hubbard
 Entom. Writings of H. G. Hubbard
 Longevity of Cactopinus hubbardi
 Trilobite resemblance of Col. larvæ
 Chrysina beckeri in Ariz.
 Ins. fauna of Mistletoe
 Value of color in diff. groups
 Col. in Spanish Moss (Tillandsia)
 Col. in wild grape in Ariz.
 Brachytarsus att. Leucanium scale
 On genitalia
 Breeding habits of Carpophilus
 "Sawdust" of wood borers
 New sp. Cactus Insects
02. Col. of Semi-tropical Florida

02. Col. of Semi-tropical Florida Exochomus plagiatus in Ariz. Scolytid workings in Ariz. Myrmecophilous Staph. in N. M. Balaninus

O3. Dorcus covered by mites
Cicindela striga in Fla.
Insect eggs under bark of pine stump
Argopistes on dodder in Fla.
Nemognatha paras. on Anthidium
Trigonogenius farctus and globulum
A Letter from Cuba

O4. Cotton-Boll Weevil in Cuba
Eurypepla and Anthon. varipes in Fla.
Dendrobias destroying posters
Leoniana and Hornia
Fauna of Plummer's Island
West Indian Coleoptera
Isolated mountains of Ariz.
Hormops in D.C.
Cotton Boll Weevil in Cuba
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<sup>\*</sup> Contains descriptions of new species.

#### Wickham

**01.** \*Two new blind . . . Adranes Some ins. Hudsonian zone in N. Mex. Cicindelidæ at artificial light

02. \*Two new Silphidæ fr. Colo. Cat. of Col. of Colo.

03. \*New Col. fr. western U. S. San Francisco; a Reminiscence The beetles of an Oregon beach \*No. Amer. sp. of Pedilophorus Gynandromorphism in Lucanus

Meristic Variation in Corydalis

104. Mctamorphoses of Aegialites
Obituary of Rev. P. J. Schmitt Reduplication of tarsus in Hydrocharis Influence of Pleistocene lakes on dist. "Protective Resemblance" in Ariz. \*Systematic position of Aegialites Insect Distribution in Great Basin

\*No. Amer. sp. Cotalpa\*New sp. Col. fr. western U. S. II Knowledge of nature in ins. control Ants and Plant Lice

06. Rev. of Horn's Syst. Index Cicind. Races of Cic. tranquebarica \*Rev. of sp. of Tanarthropsis **09.** Preparation of beetles for microscope

Notes on a thread-legged bug Review of Blaisdell's Eleodini

10. Note on Emesa longipes
Review of Horn's Cicindelinæ
List of Van Duzee Florida bectles

11. Review of Horn's Cicindelinæ Review of Col. of Ind. List of Col. of Iowa

12. Aletia argillacca13. \*New N. Am. Elat. and Scarab. 15. Swarm of Monarch butterflies 16. \*New Brach. Trog. fr. Colo.18. Feeding hab. of Harvest Spider

Interesting n. sp. Eleodes Wickham and Brendel, E.

90. Pselaphidæ of N. Am.

Wickham and Wolcott, A.B.
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77. Habits of Amblycheila < Ca

Wilson, Harold B. 78. Cucujus clavipes

Wissmann,

48. Entomologische Notizen

Wolcott, A. B.
95. Col. of Central Illinois 98. An Insect Monstrosity 08. Suppl. List Isle Royale Beetles

New sp. Hydnocera No. Am. sp. Chariessa 10. Syn. of Aulicus

Notes on Cleridæ Desc. of Cleridæ Cleridæ of Public Museum

11. New Am. Cleridæ Review of Schenckling

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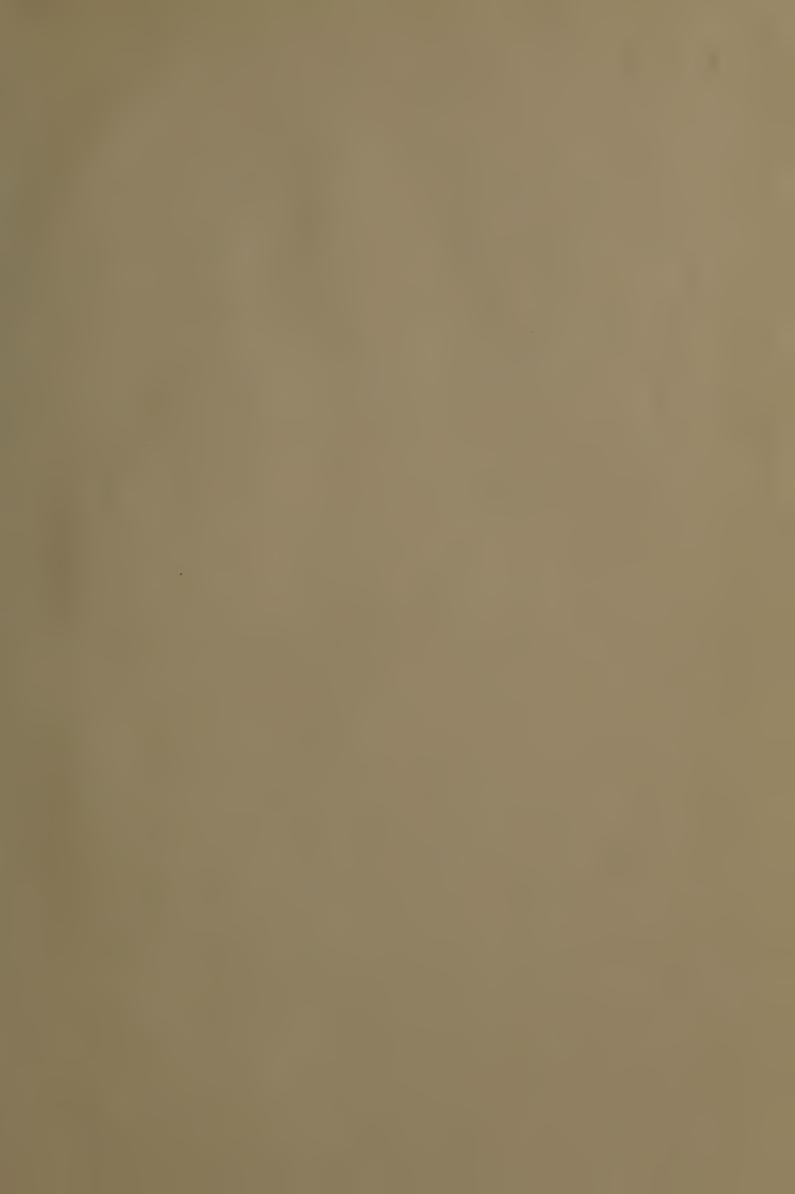
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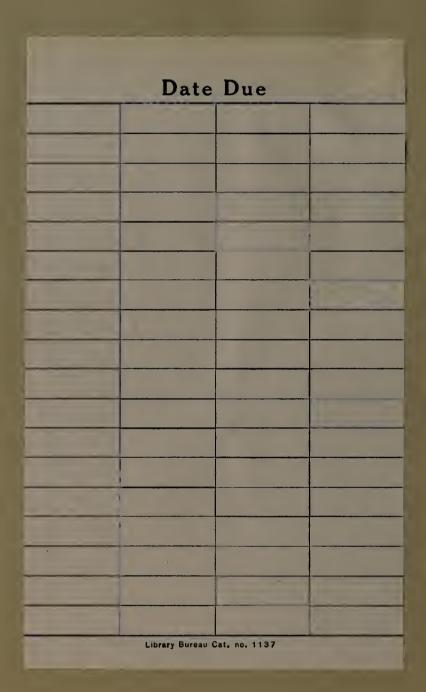
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